

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011222\
 Data File : VW024326.D
 Acq On : 12 Jan 2022 12:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050381

Quant Time: Jan 13 02:26:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 01:34:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	244591	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	236863	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	136062	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	86595	49.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.380%
7) Chloroethane-d5	1.571	69	69284	51.812	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.620%
11) 1,1-Dichloroethene-d2	2.111	63	166431	50.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.180%
21) 2-Butanone-d5	3.886	46	96671	98.570	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.570%
24) Chloroform-d	4.346	84	177203	55.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.160%
26) 1,2-Dichloroethane-d4	5.027	65	113230	52.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.140%
32) Benzene-d6	5.047	84	328406	53.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.260%
36) 1,2-Dichloropropane-d6	6.066	67	94598	54.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.220%
41) Toluene-d8	7.313	98	329758	55.100	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.200%
43) trans-1,3-Dichloroprop...	7.619	79	52136	52.267	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.540%
47) 2-Hexanone-d5	8.085	63	72405	96.206	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.210%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	127615	51.550	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.100%
66) 1,2-Dichlorobenzene-d4	11.622	152	140177	51.687	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	92911	47.085	ug/L	99
3) Chloromethane	1.243	50	80160	48.352	ug/L	96
5) Vinyl chloride	1.314	62	85704	48.858	ug/L	95
6) Bromomethane	1.526	94	57828	57.852	ug/L	98
8) Chloroethane	1.587	64	53047	48.994	ug/L	99
9) Trichlorofluoromethane	1.754	101	156923	49.768	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	80550	52.272	ug/L	99
12) 1,1-Dichloroethene	2.121	96	74449	49.971	ug/L	90
13) Acetone	2.182	43	103475	106.862	ug/L	100
14) Carbon disulfide	2.298	76	184382	42.623	ug/L	98
15) Methyl Acetate	2.433	43	69882	49.620	ug/L	96
16) Methylene chloride	2.507	84	82372	50.771	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	77271	50.332	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	245487	51.883	ug/L	99
19) 1,1-Dichloroethane	3.188	63	133767	52.532	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	85456	52.120	ug/L	96
22) 2-Butanone	3.970	43	105614	102.679	ug/L	97
23) Bromochloromethane	4.243	128	49309	52.193	ug/L	92
25) Chloroform	4.371	83	158163	53.125	ug/L	100

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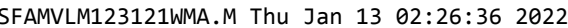
Instrument :
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 ClientSampleId :
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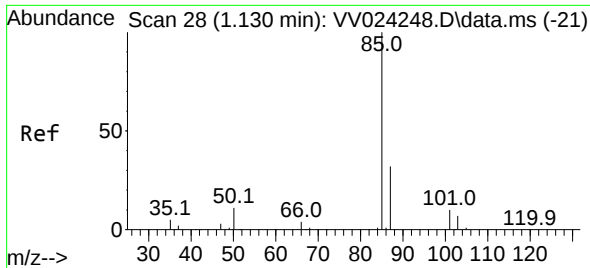
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 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 01:34:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	119884	49.507	ug/L	98
29) Cyclohexane	4.677	56	105133	49.653	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	147141	50.488	ug/L	99
31) Carbon tetrachloride	4.825	117	134036	49.574	ug/L	100
33) Benzene	5.095	78	310820	51.607	ug/L	100
34) Trichloroethene	5.908	95	86964	52.361	ug/L	98
35) Methylcyclohexane	6.127	83	123548	50.158	ug/L	98
37) 1,2-Dichloropropane	6.169	63	77214	54.506	ug/L	97
38) Bromodichloromethane	6.506	83	116237	52.289	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	130156	54.657	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	189167	102.404	ug/L	99
42) Toluene	7.384	91	357522	52.882	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	129549	53.630	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	83622	52.655	ug/L	98
46) Tetrachloroethene	7.973	164	77731	51.420	ug/L	98
48) 2-Hexanone	8.137	43	159611	107.576	ug/L	98
49) Dibromochloromethane	8.243	129	104478	52.484	ug/L	98
50) 1,2-Dibromoethane	8.349	107	89139	52.258	ug/L	100
51) Chlorobenzene	8.879	112	237923	52.248	ug/L	100
52) Ethylbenzene	9.011	91	380480	52.679	ug/L	99
53) m,p-Xylene	9.137	106	153466	53.009	ug/L	95
54) o-Xylene	9.542	106	148204	53.627	ug/L	100
55) Styrene	9.558	104	262525	54.701	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	116549	50.259	ug/L	98
59) Bromoform	9.728	173	75351	48.567	ug/L	99
60) Isopropylbenzene	9.928	105	396831	52.707	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	99169	49.636	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	342693	52.914	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	350229	54.168	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	210384	54.194	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	211821	52.909	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	208310	52.066	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	24736	42.987	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	159359	53.369	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	133993	52.470	ug/L	99
71) Naphthalene	13.500	128	359295	48.630	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	134975	51.140	ug/L	99

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

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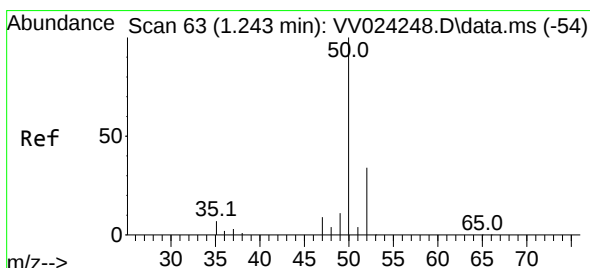
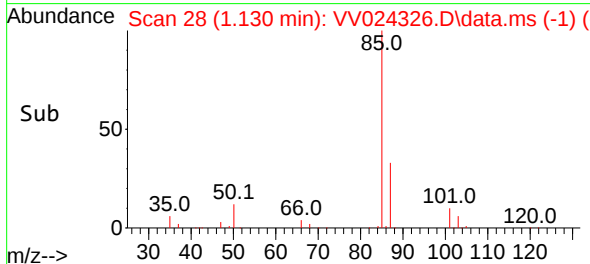
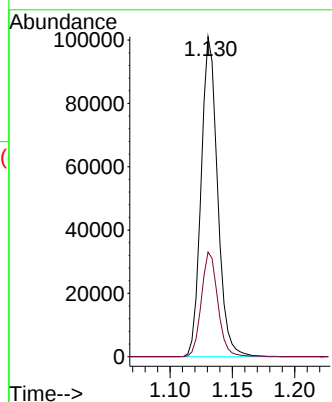
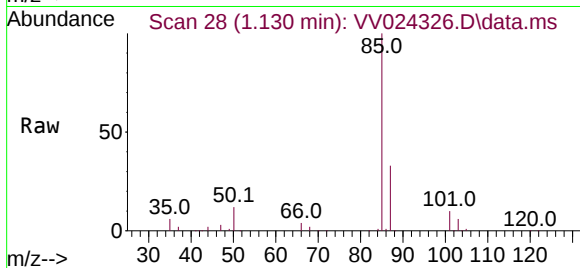




#2
Dichlorodifluoromethane
Concen: 47.085 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

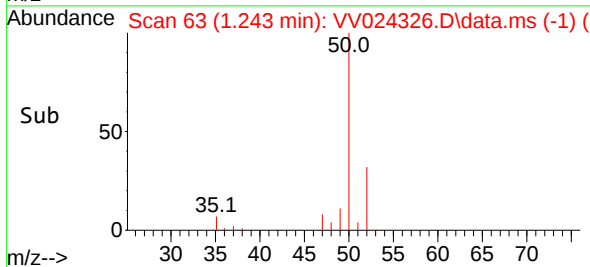
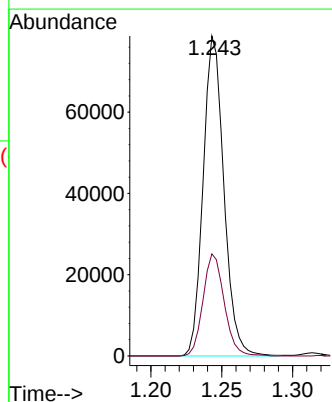
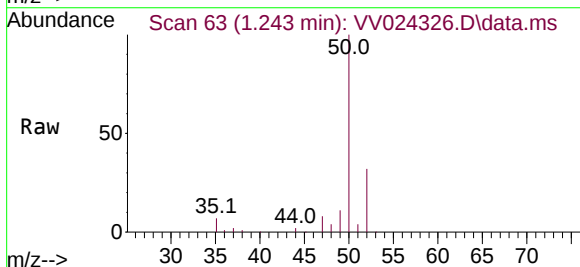
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

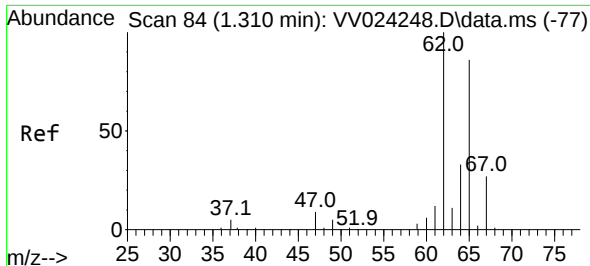
Tgt Ion: 85 Resp: 92911
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.8



#3
Chloromethane
Concen: 48.352 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion: 50 Resp: 80160
Ion Ratio Lower Upper
50 100
52 31.9 24.1 44.7

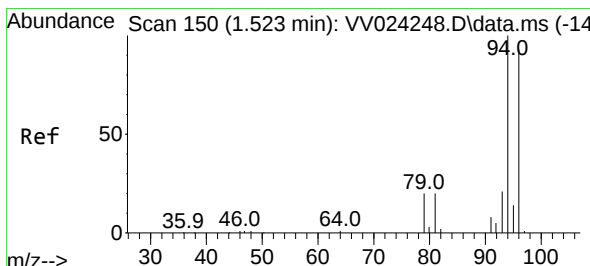
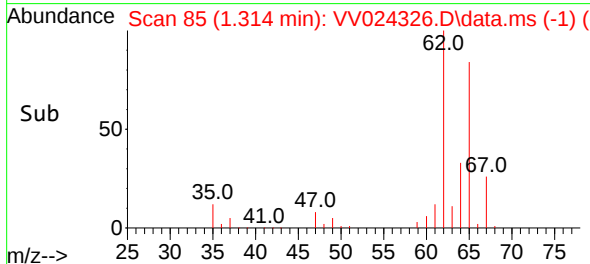
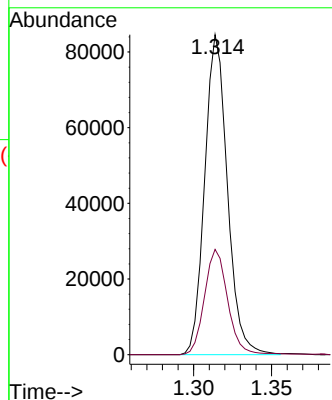
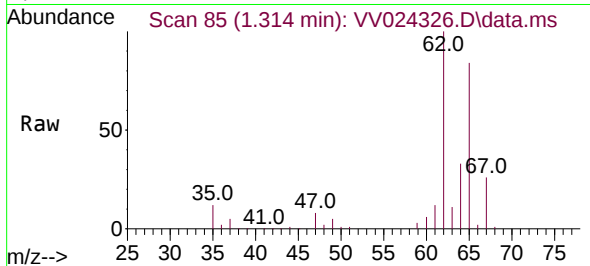




#5
 Vinyl chloride
 Concen: 48.858 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024326.D
 Acq: 12 Jan 2022 12:04

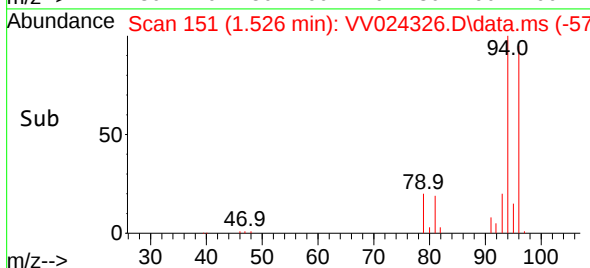
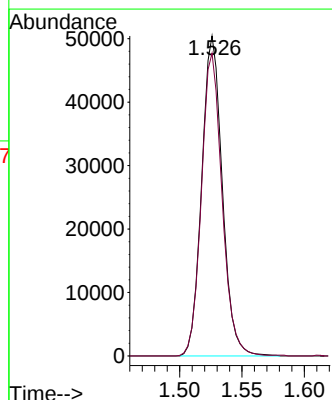
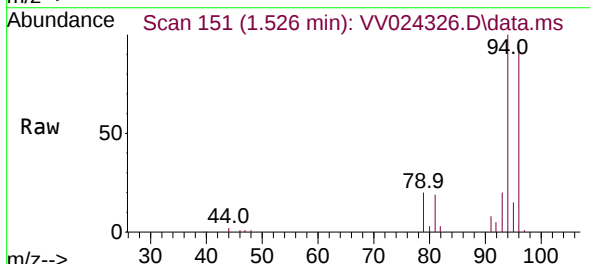
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 ClientSampleId :
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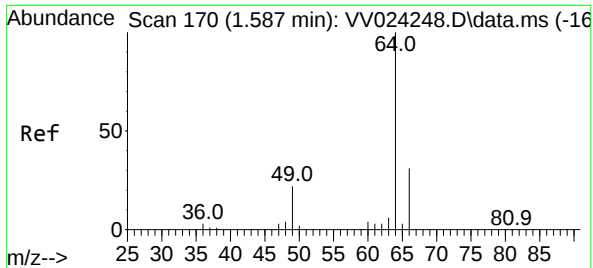
Tgt Ion: 62 Resp: 85704
 Ion Ratio Lower Upper
 62 100
 64 32.9 25.0 46.4



#6
 Bromomethane
 Concen: 57.852 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024326.D
 Acq: 12 Jan 2022 12:04

Tgt Ion: 94 Resp: 57828
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.0 120.6

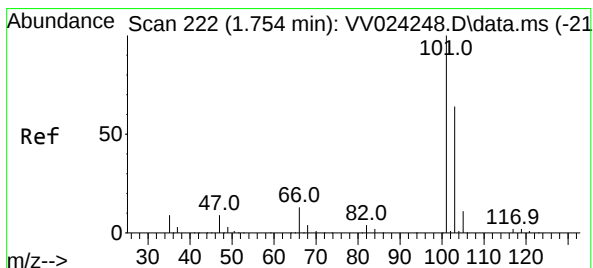
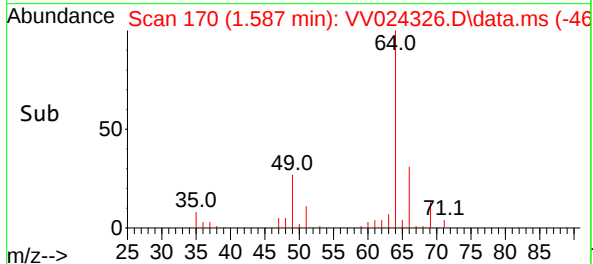
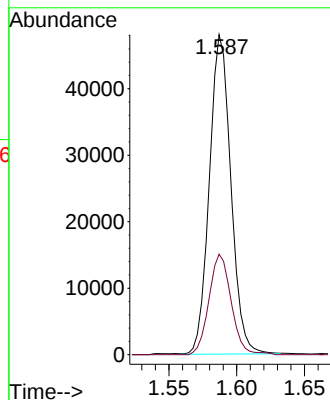
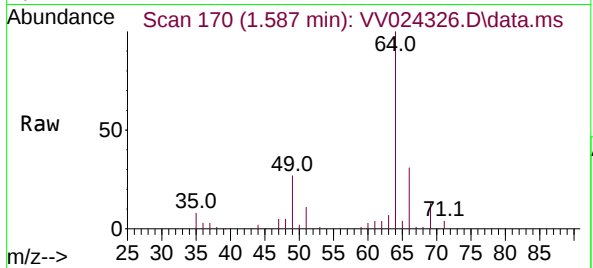




#8
Chloroethane
Concen: 48.994 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

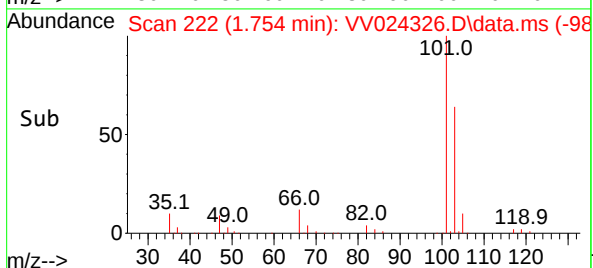
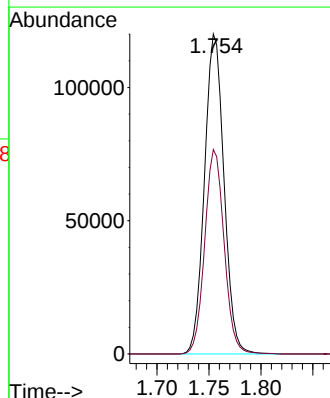
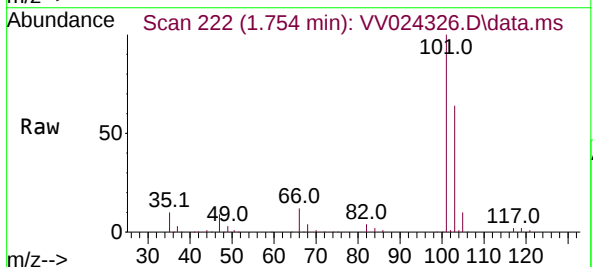
Instrument :
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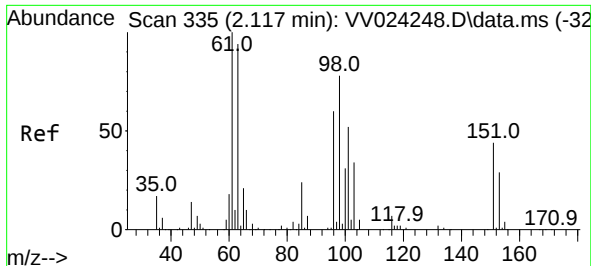
Tgt Ion: 64 Resp: 53047
Ion Ratio Lower Upper
64 100
66 31.4 21.4 39.8



#9
Trichlorofluoromethane
Concen: 49.768 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion:101 Resp: 156923
Ion Ratio Lower Upper
101 100
103 63.5 52.0 78.0

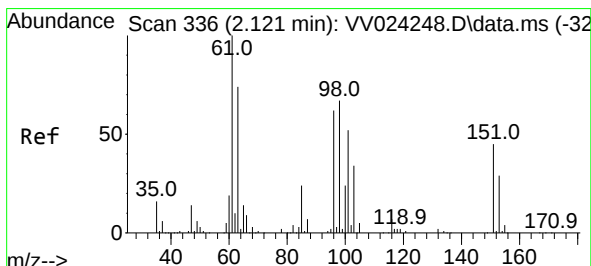
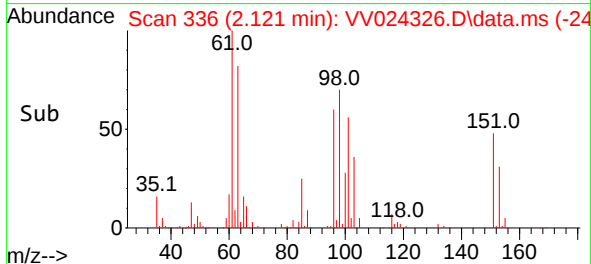
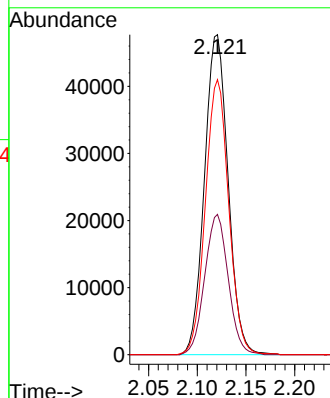
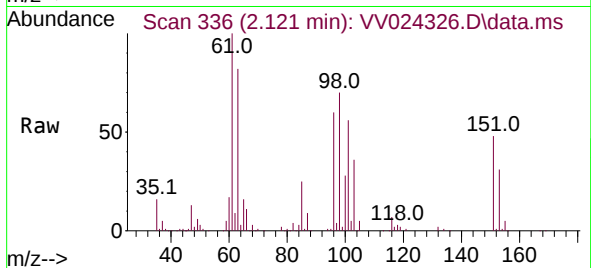




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.272 ug/L
RT: 2.121 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

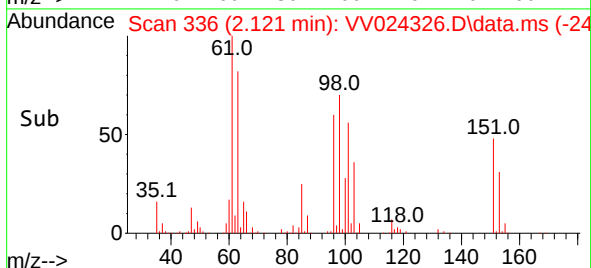
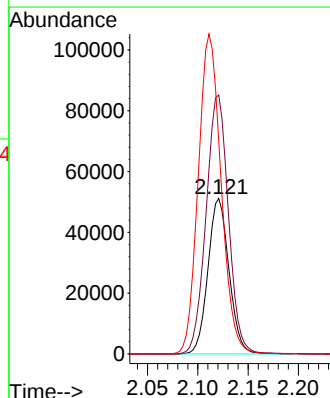
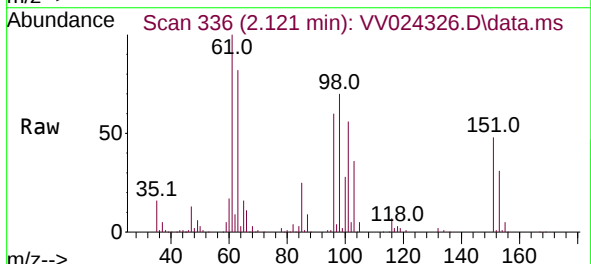
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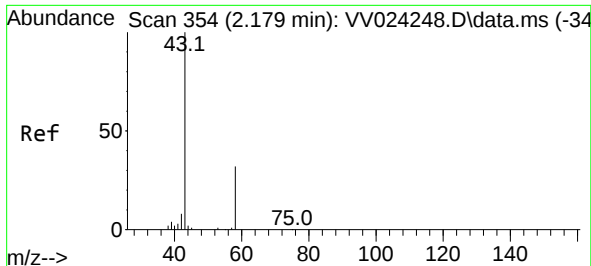
Tgt Ion:101 Resp: 80550
Ion Ratio Lower Upper
101 100
85 43.6 35.3 52.9
151 84.9 67.1 100.7



#12
1,1-Dichloroethene
Concen: 49.971 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion: 96 Resp: 74449
Ion Ratio Lower Upper
96 100
61 166.6 111.9 207.9
63 136.7 82.7 153.5





#13

Acetone

Concen: 106.862 ug/L

RT: 2.182 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

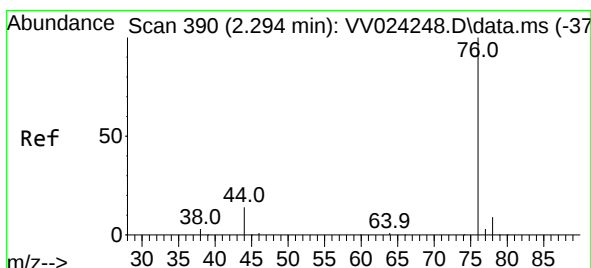
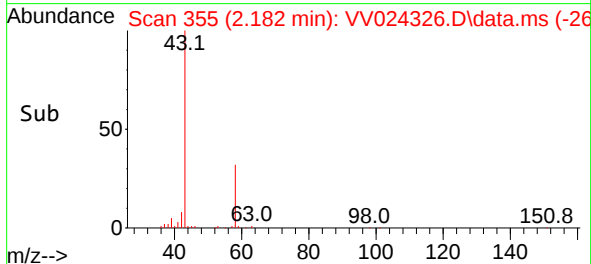
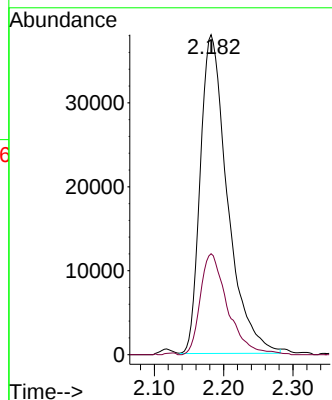
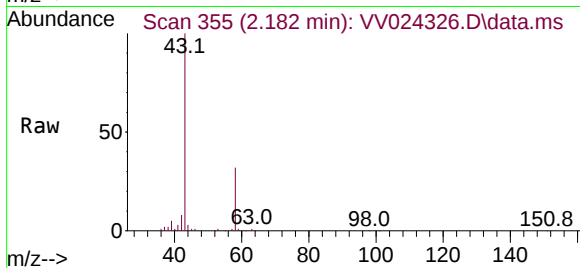
VSTD050381

Tgt Ion: 43 Resp: 103475

Ion Ratio Lower Upper

43 100

58 31.5 0.0 63.0



#14

Carbon disulfide

Concen: 42.623 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024326.D

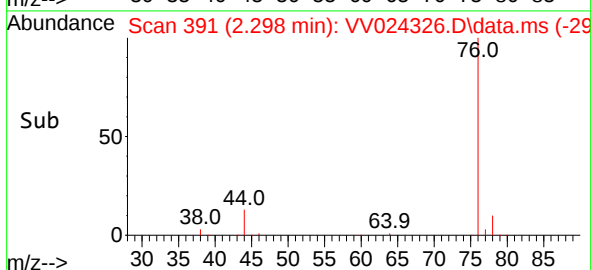
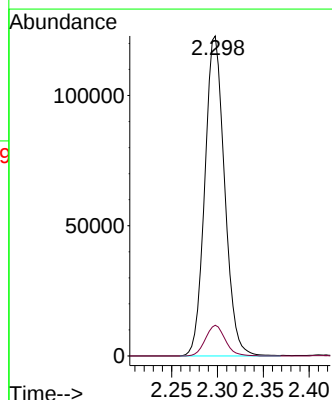
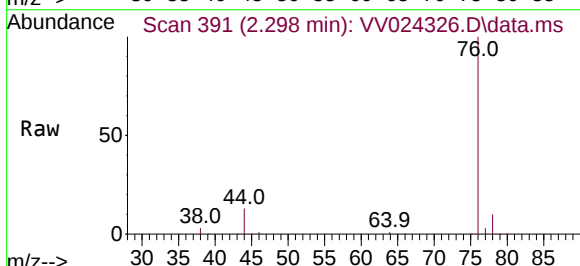
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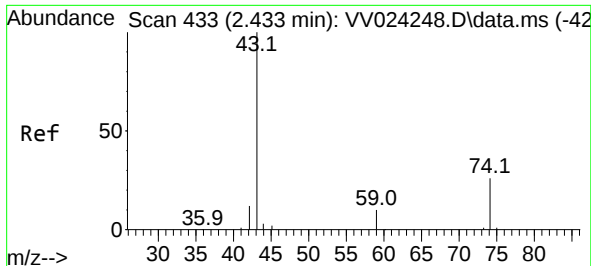
Tgt Ion: 76 Resp: 184382

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

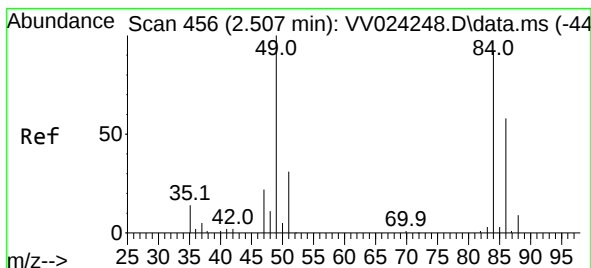
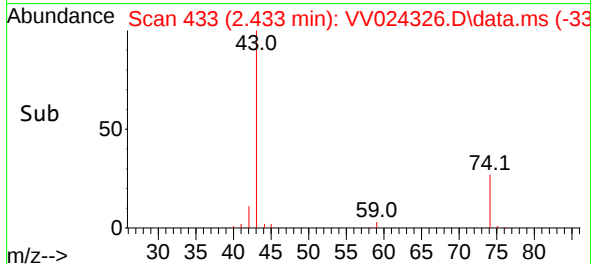
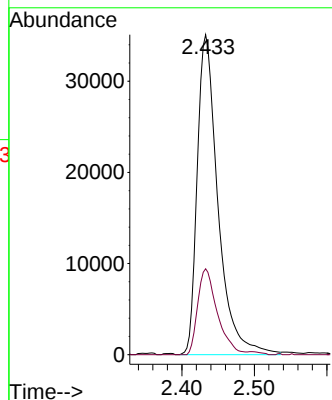
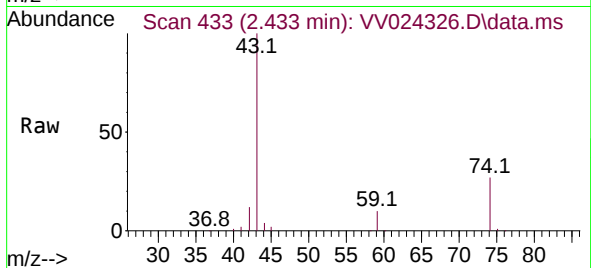




#15
Methyl Acetate
Concen: 49.620 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

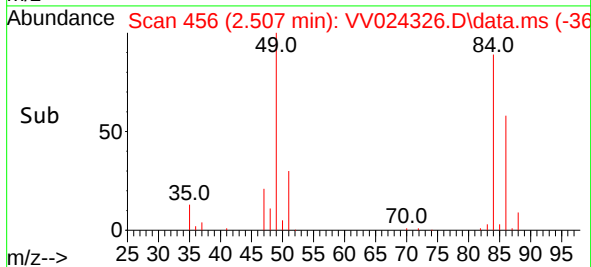
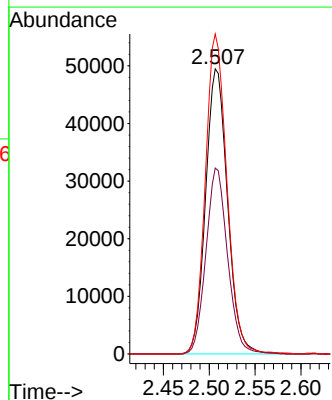
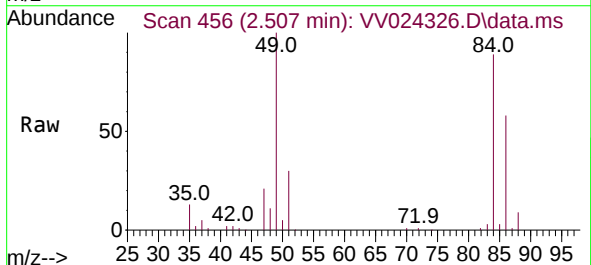
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

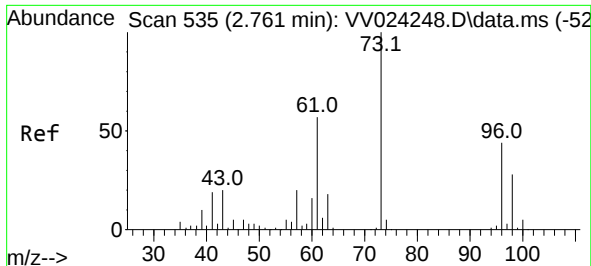
Tgt Ion: 43 Resp: 69882
Ion Ratio Lower Upper
43 100
74 25.4 21.8 32.8



#16
Methylene chloride
Concen: 50.771 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion: 84 Resp: 82372
Ion Ratio Lower Upper
84 100
86 65.2 46.8 86.8
49 112.2 78.3 145.3

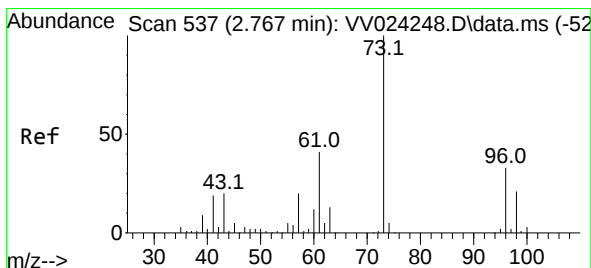
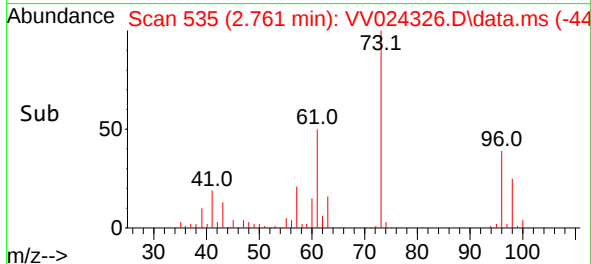
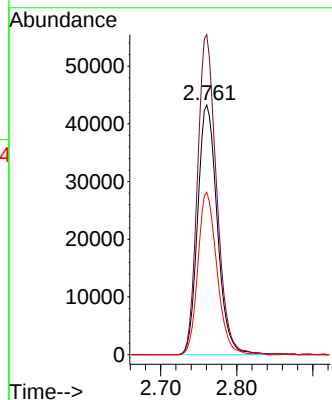
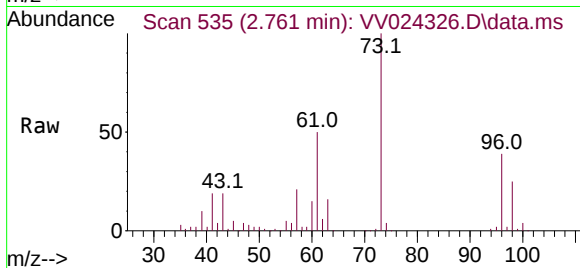




#17
trans-1,2-Dichloroethene
Concen: 50.332 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

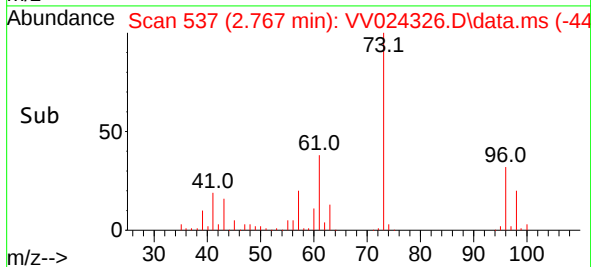
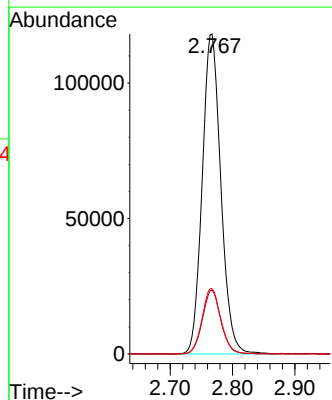
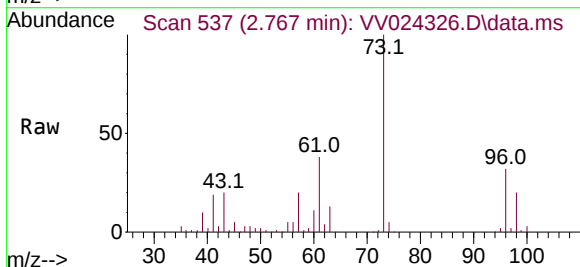
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

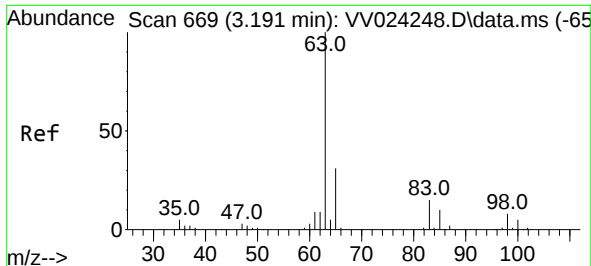
Tgt Ion: 96 Resp: 77271
Ion Ratio Lower Upper
96 100
61 128.2 88.1 163.7
98 65.0 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 51.883 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion: 73 Resp: 245487
Ion Ratio Lower Upper
73 100
43 19.5 16.2 24.2
57 20.5 15.9 23.9





#19

1,1-Dichloroethane

Concen: 52.532 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050381

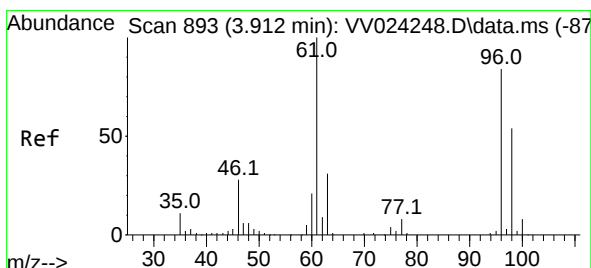
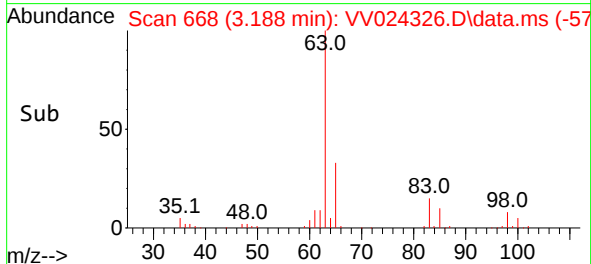
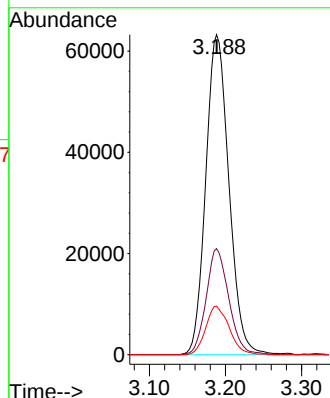
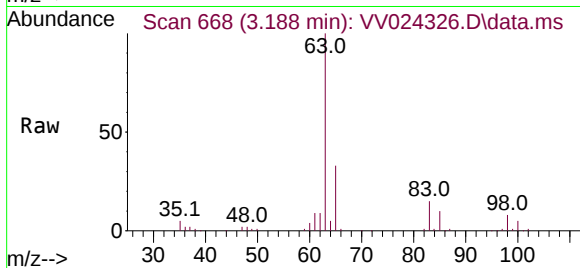
Tgt Ion: 63 Resp: 133767

Ion Ratio Lower Upper

63 100

65 33.1 22.4 41.6

83 15.1 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 52.120 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

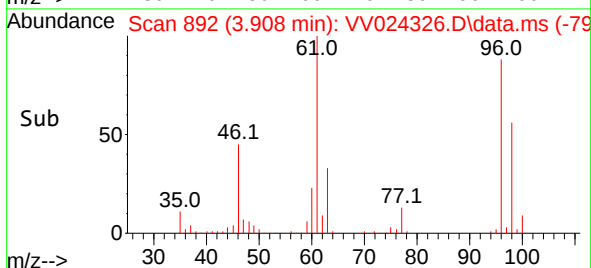
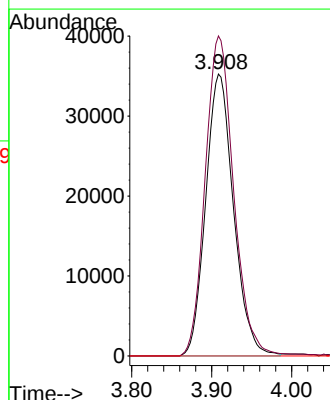
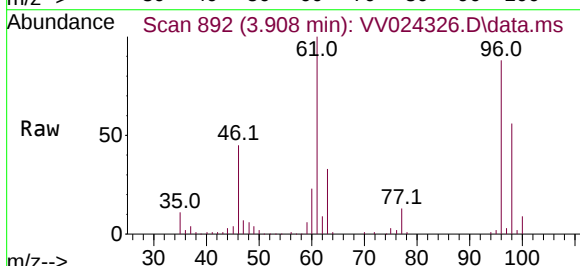
Tgt Ion: 96 Resp: 85456

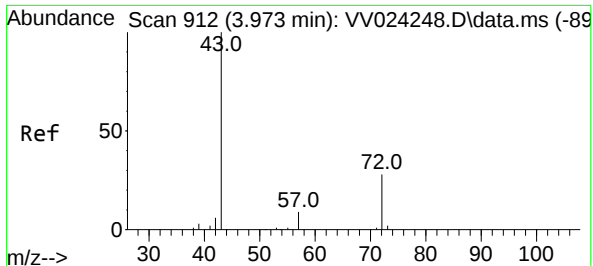
Ion Ratio Lower Upper

96 100

61 113.5 82.9 153.9

68 0.0 0.0 0.0

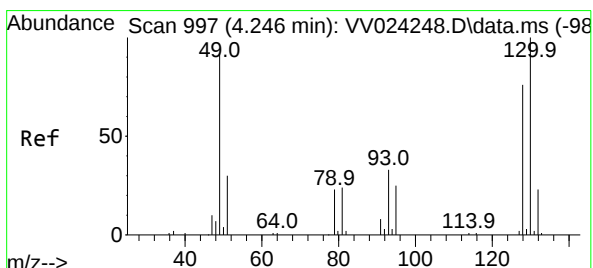
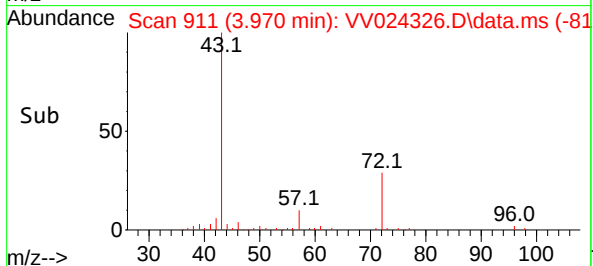
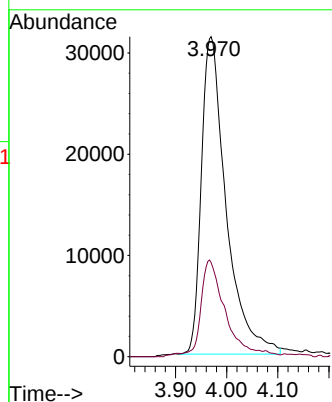
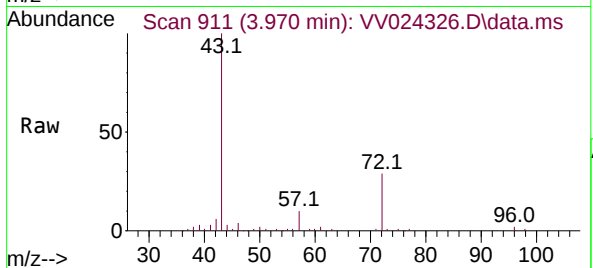




#22
2-Butanone
Concen: 102.679 ug/L
RT: 3.970 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

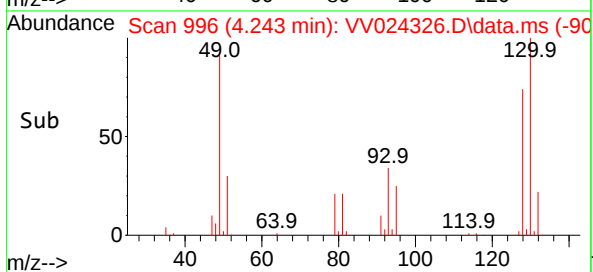
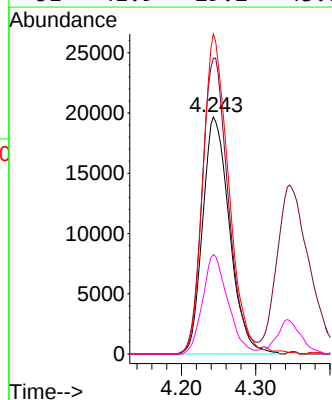
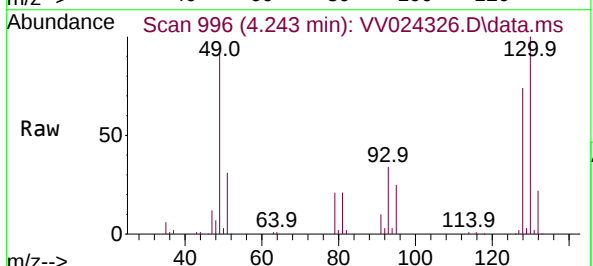
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

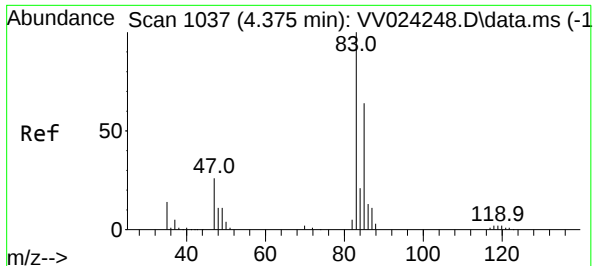
Tgt Ion: 43 Resp: 105614
Ion Ratio Lower Upper
43 100
72 28.5 14.9 44.9



#23
Bromochloromethane
Concen: 52.193 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion: 128 Resp: 49309
Ion Ratio Lower Upper
128 100
49 124.8 83.1 154.3
130 135.0 87.0 161.6
51 41.9 29.2 43.8





#25

Chloroform

Concen: 53.125 ug/L

RT: 4.371 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

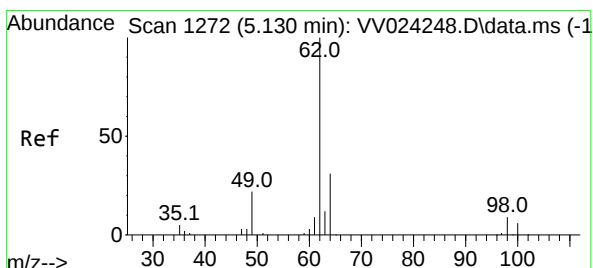
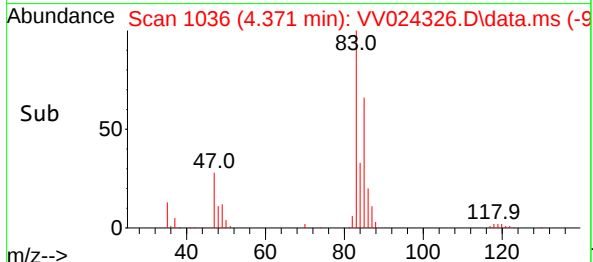
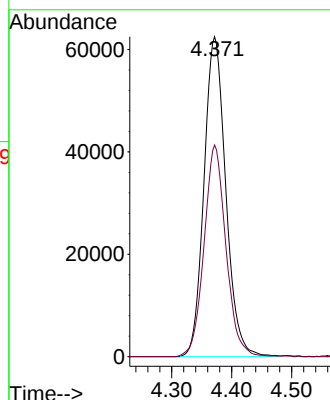
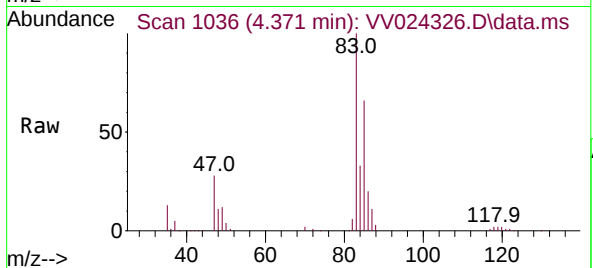
VSTD050381

Tgt Ion: 83 Resp: 158163

Ion Ratio Lower Upper

83 100

85 66.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 49.507 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV024326.D

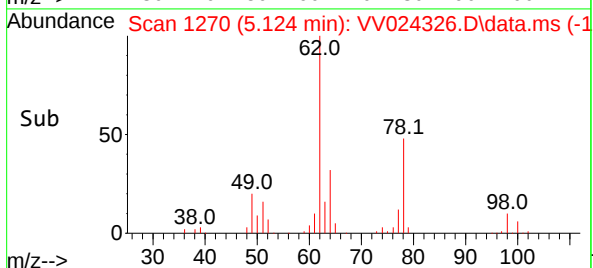
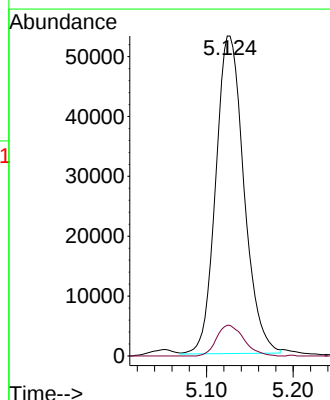
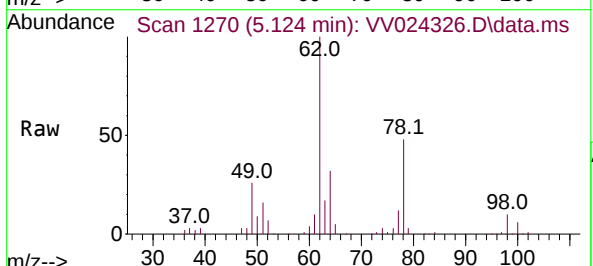
Acq: 12 Jan 2022 12:04

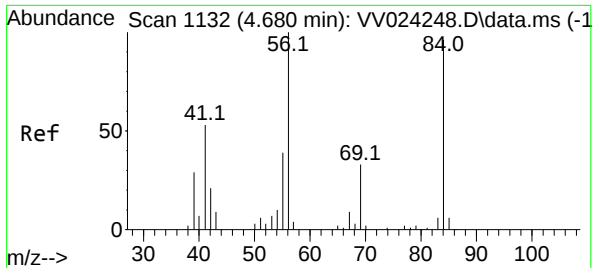
Tgt Ion: 62 Resp: 119884

Ion Ratio Lower Upper

62 100

98 9.6 7.1 10.7

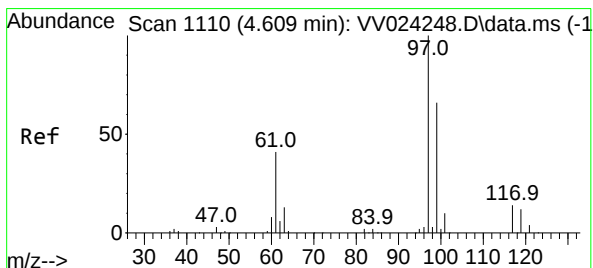
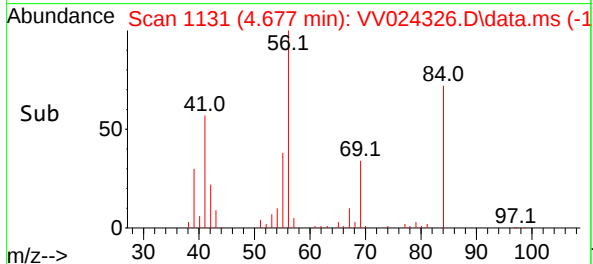
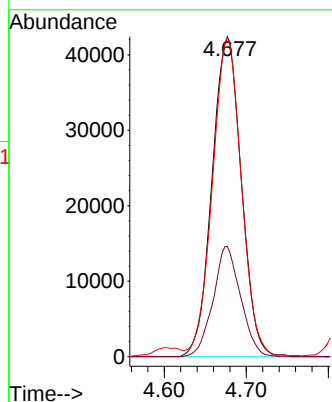
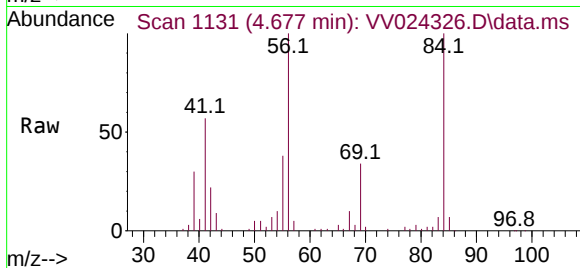




#29
Cyclohexane
Concen: 49.653 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

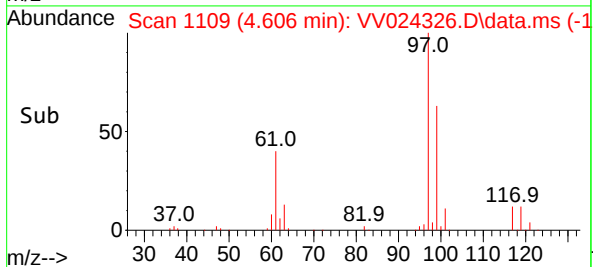
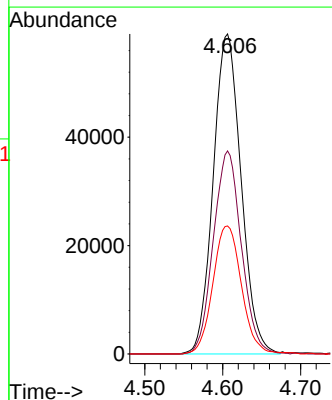
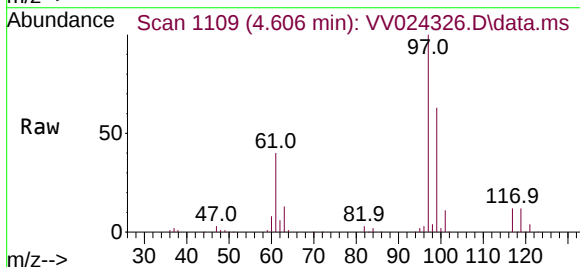
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

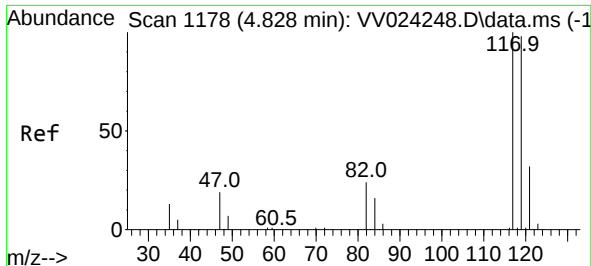
Tgt Ion:	56	Resp:	105133
Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.8	38.6
84	98.0	79.1	118.7



#30
1,1,1-Trichloroethane
Concen: 50.488 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion:	97	Resp:	147141
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.2	76.8
61	40.8	33.2	49.8

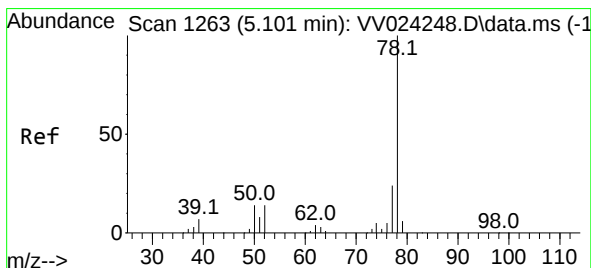
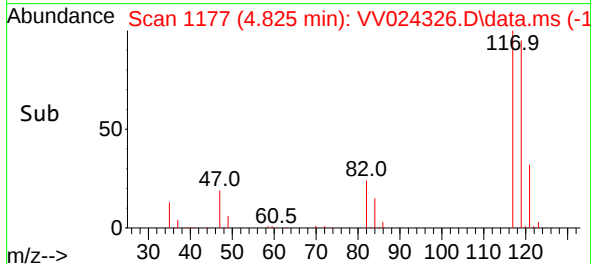
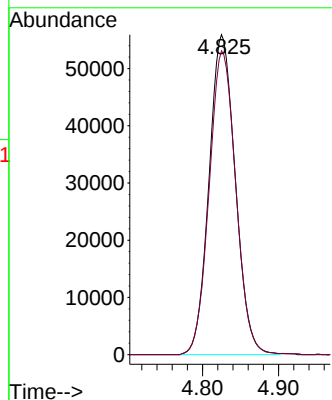
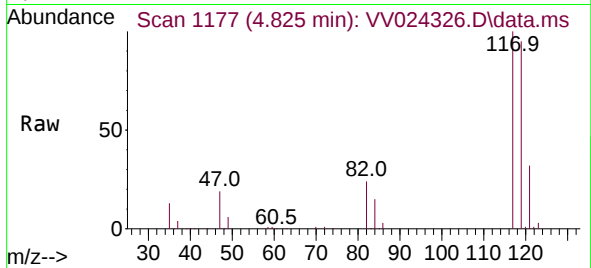




#31
Carbon tetrachloride
Concen: 49.574 ug/L
RT: 4.825 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

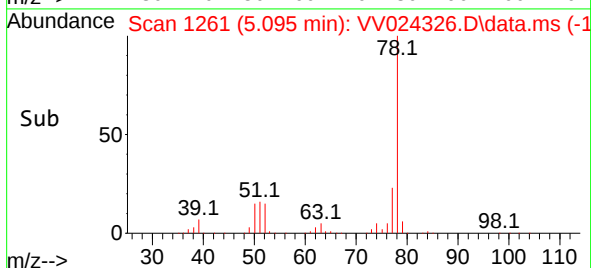
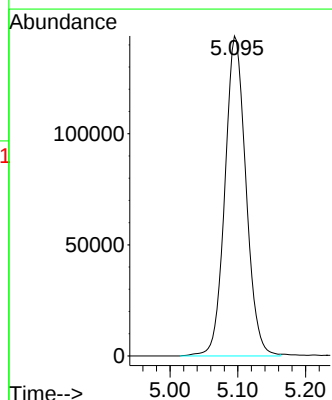
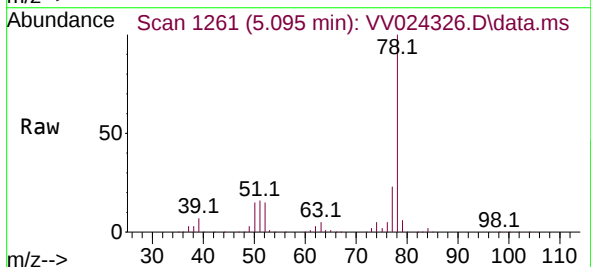
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

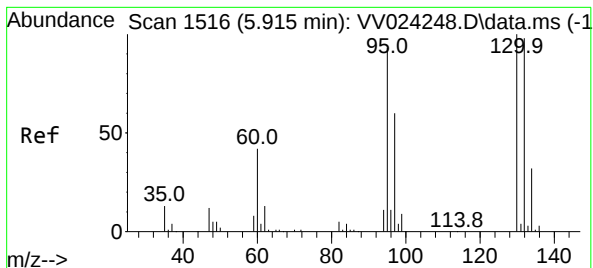
Tgt Ion:117 Resp: 134036
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 51.607 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion: 78 Resp: 310820





#34

Trichloroethene

Concen: 52.361 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050381

Tgt Ion: 95 Resp: 86964

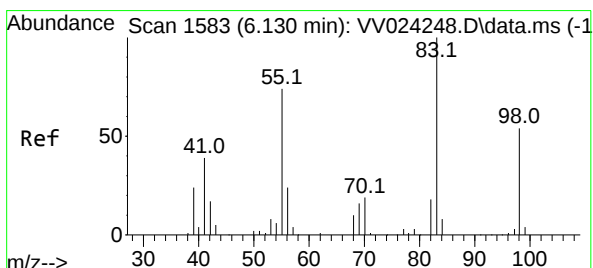
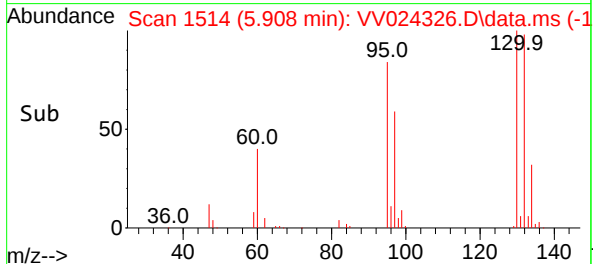
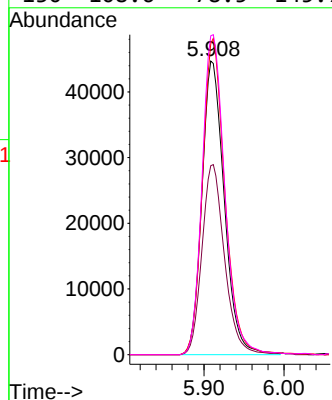
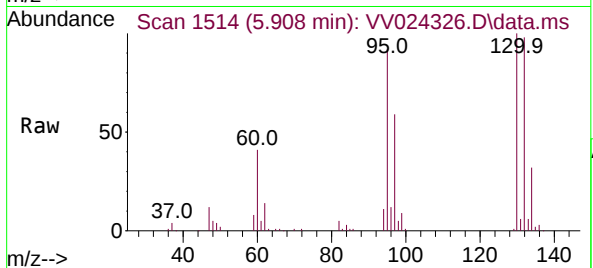
Ion Ratio Lower Upper

95 100

97 64.3 44.1 81.9

132 106.0 75.1 139.5

130 108.6 78.5 145.7



#35

Methylcyclohexane

Concen: 50.158 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

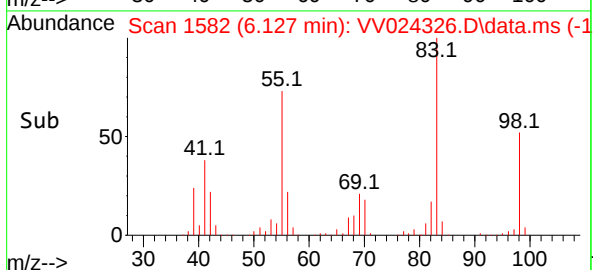
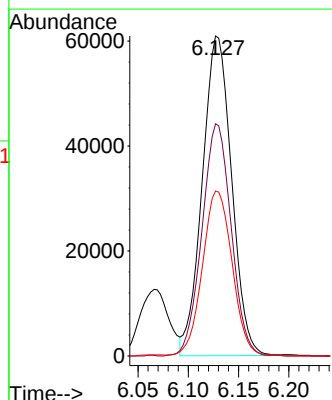
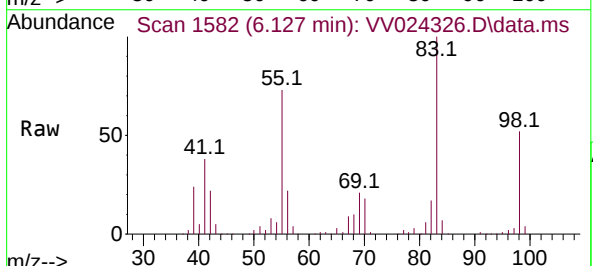
Tgt Ion: 83 Resp: 123548

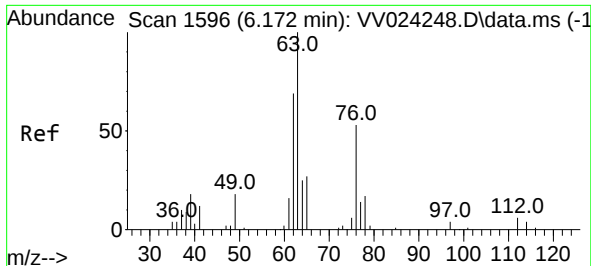
Ion Ratio Lower Upper

83 100

55 72.3 55.6 83.4

98 52.4 41.3 61.9





#37

1,2-Dichloropropane

Concen: 54.506 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

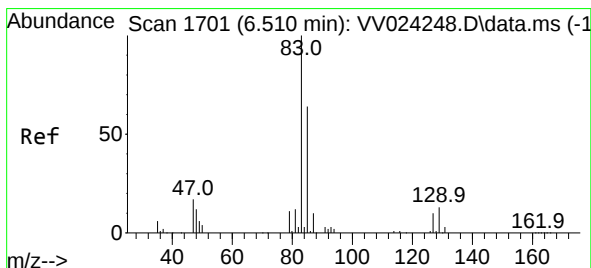
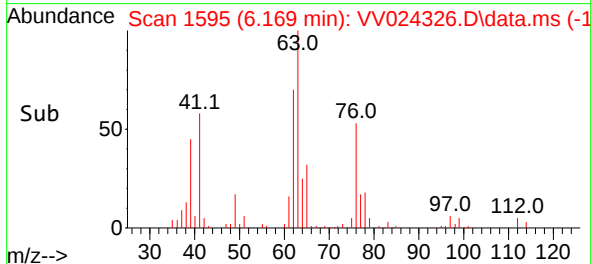
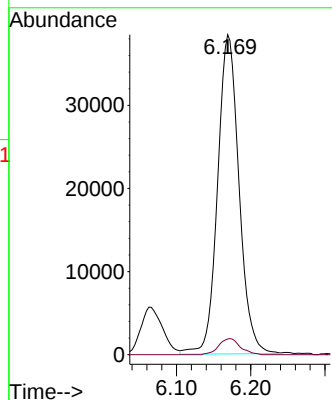
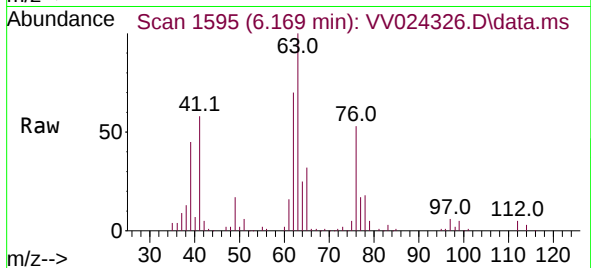
VSTD050381

Tgt Ion: 63 Resp: 77214

Ion Ratio Lower Upper

63 100

112 5.0 4.7 7.1



#38

Bromodichloromethane

Concen: 52.289 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

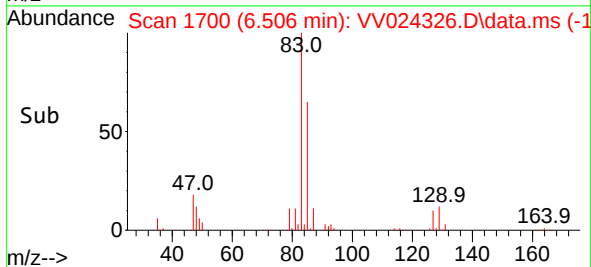
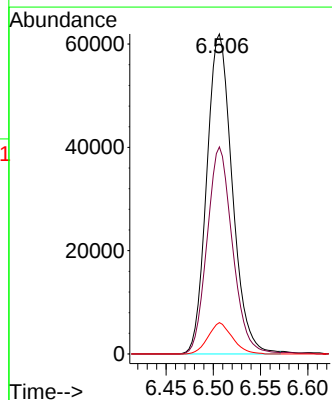
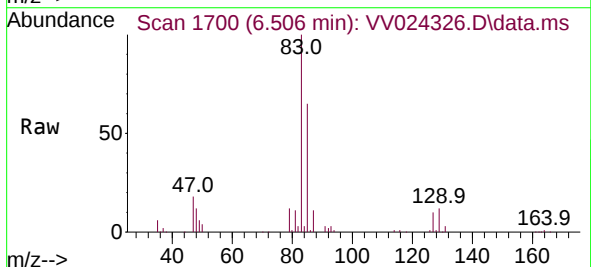
Tgt Ion: 83 Resp: 116237

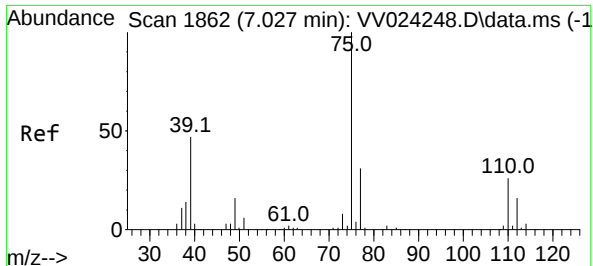
Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0

127 9.8 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 54.657 ug/L

RT: 7.024 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

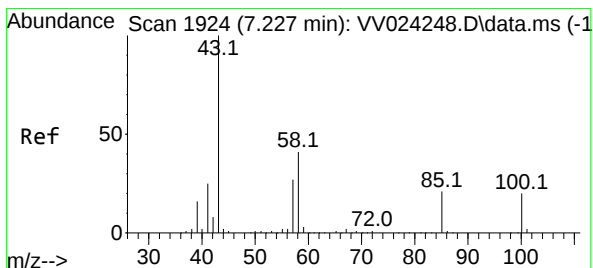
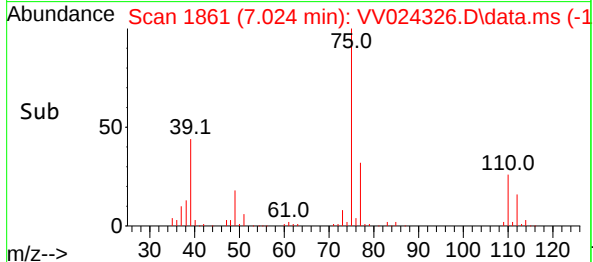
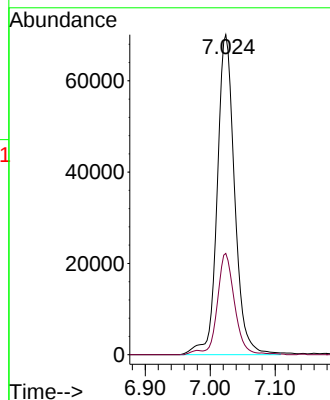
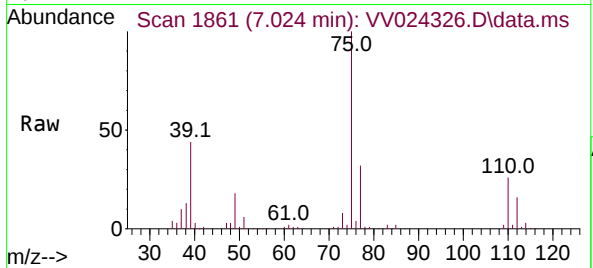
VSTD050381

Tgt Ion: 75 Resp: 130156

Ion Ratio Lower Upper

75 100

77 31.7 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 102.404 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

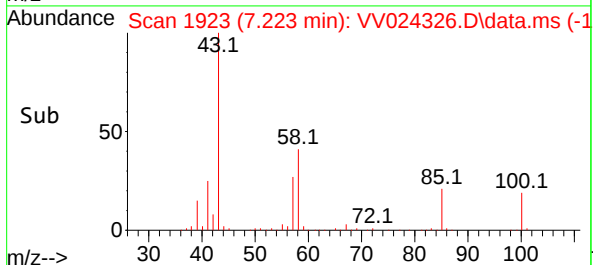
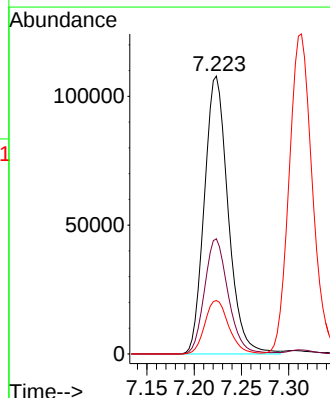
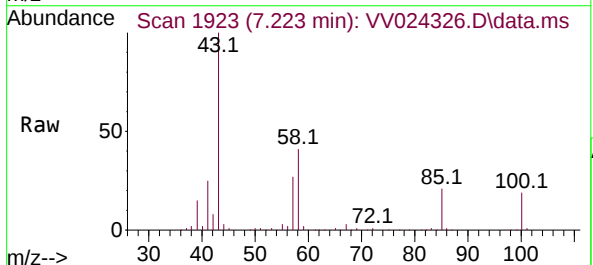
Tgt Ion: 43 Resp: 189167

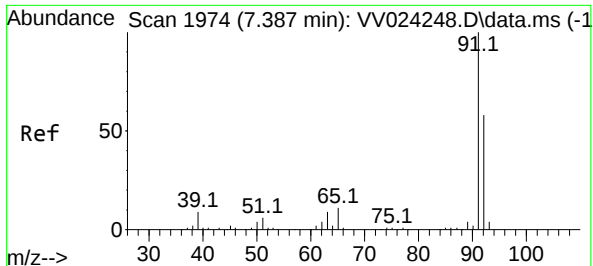
Ion Ratio Lower Upper

43 100

58 41.3 33.0 49.4

100 19.4 16.0 24.0





#42

Toluene

Concen: 52.882 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

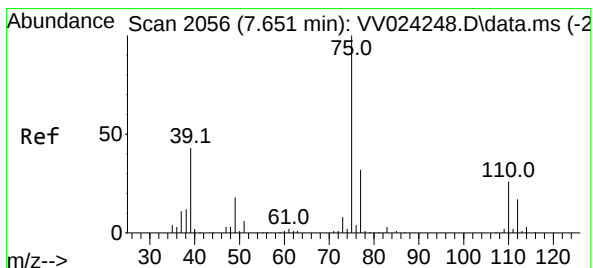
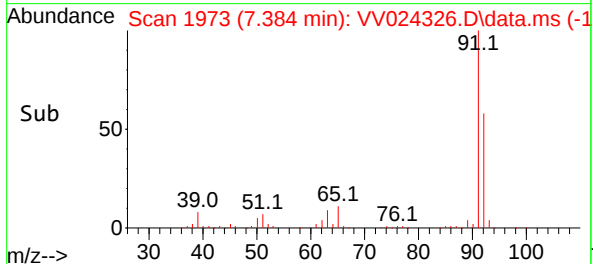
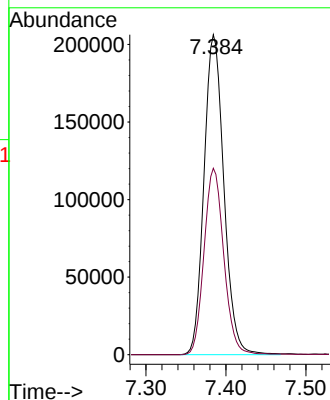
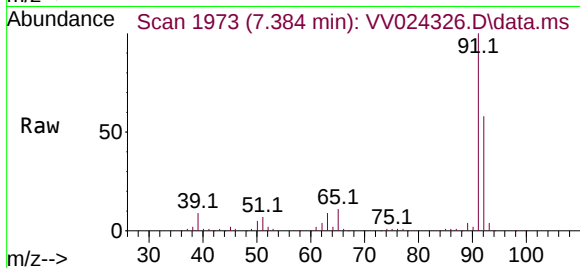
VSTD050381

Tgt Ion: 91 Resp: 357522

Ion Ratio Lower Upper

91 100

92 58.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 53.630 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024326.D

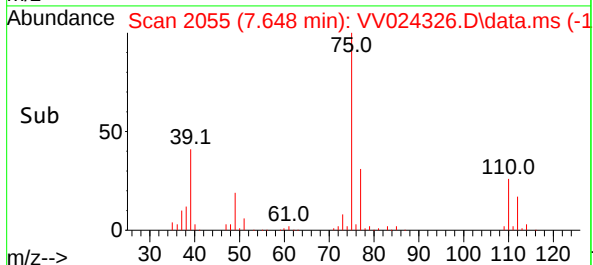
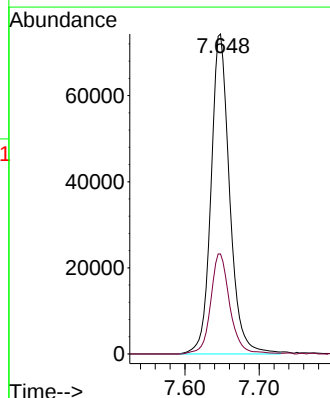
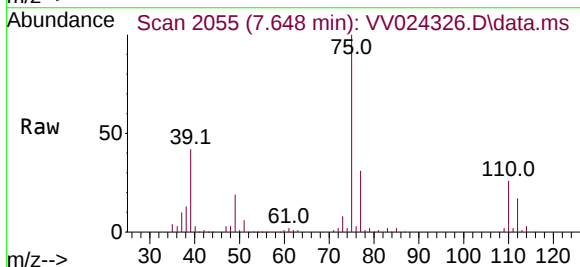
Acq: 12 Jan 2022 12:04

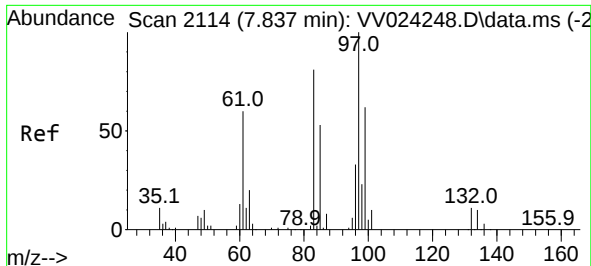
Tgt Ion: 75 Resp: 129549

Ion Ratio Lower Upper

75 100

77 31.2 22.7 42.1

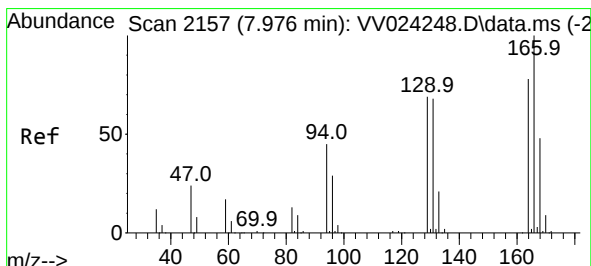
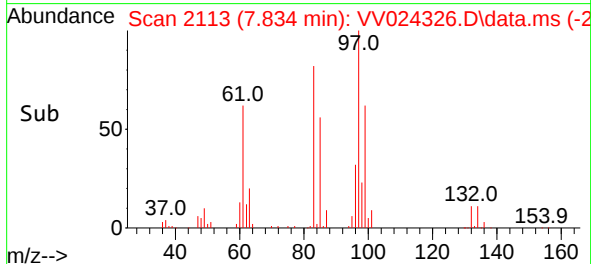
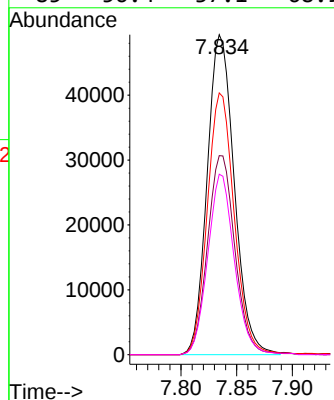
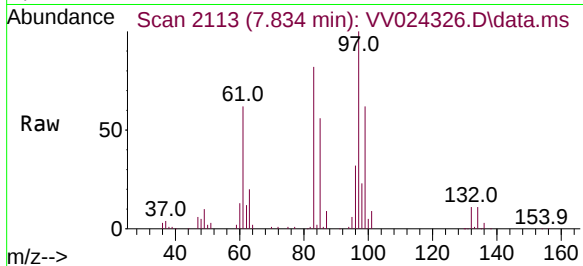




#45
1,1,2-Trichloroethane
Concen: 52.655 ug/L
RT: 7.834 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

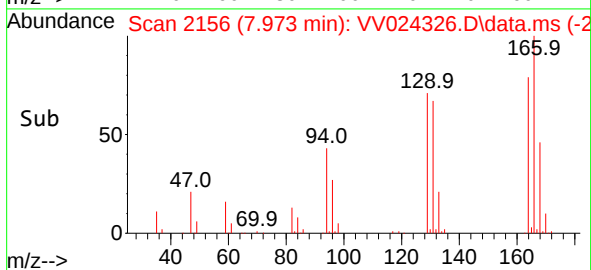
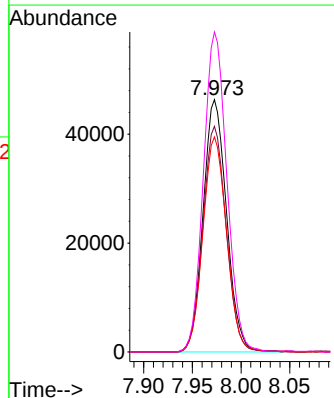
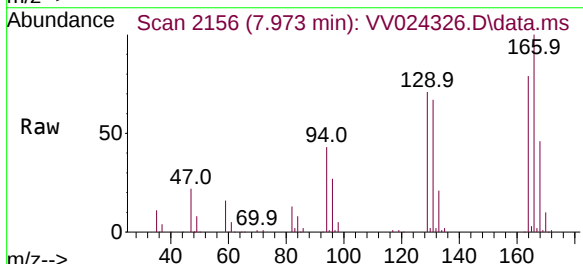
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

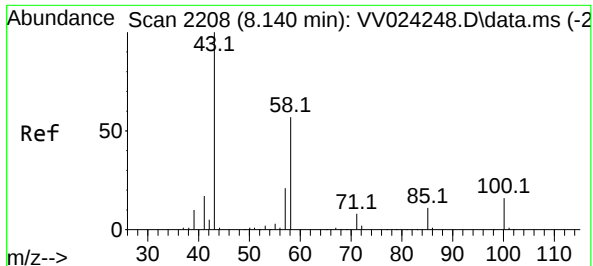
Tgt Ion: 97	Resp: 83622
Ion Ratio	Lower Upper
97 100	
99 62.2	42.4 78.8
83 81.8	57.9 107.5
85 56.4	37.1 68.9



#46
Tetrachloroethene
Concen: 51.420 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt	Ion:164	Resp:	77731
Ion	Ratio	Lower	Upper
164	100		
129	89.4	61.5	114.1
131	85.2	62.2	115.4
166	126.8	89.9	166.9

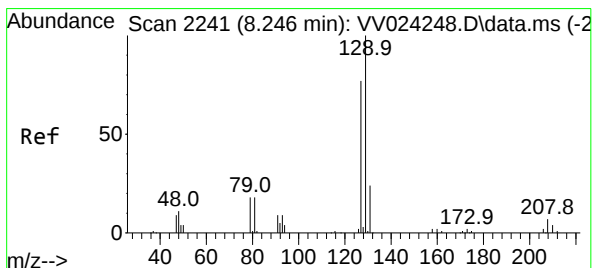
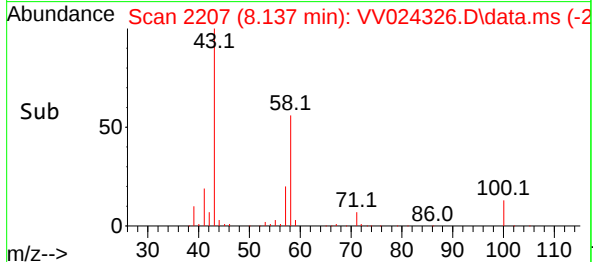
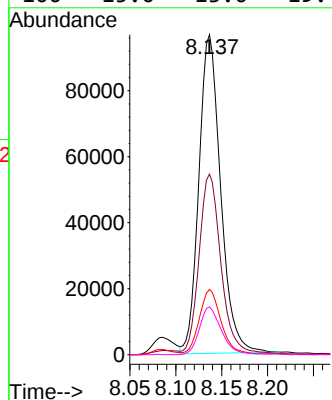
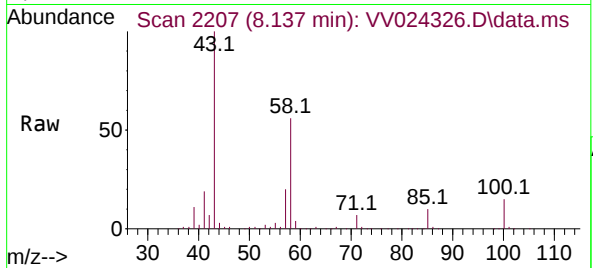




#48
2-Hexanone
Concen: 107.576 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

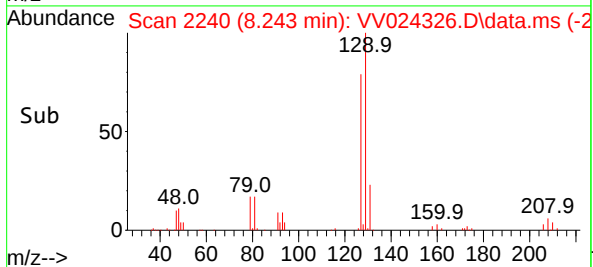
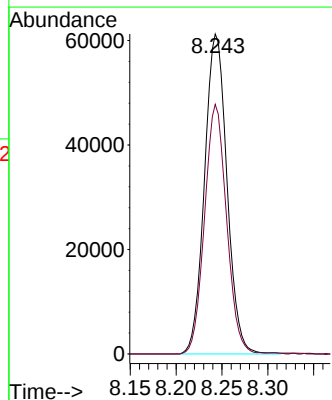
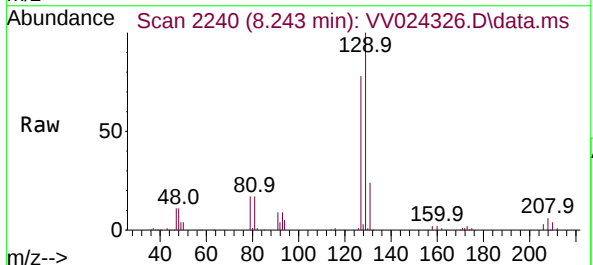
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

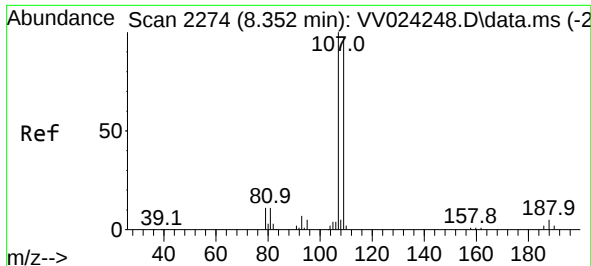
Tgt Ion: 43 Resp: 159611
Ion Ratio Lower Upper
43 100
58 57.6 45.0 67.4
57 20.7 16.9 25.3
100 15.0 13.0 19.4



#49
Dibromochloromethane
Concen: 52.484 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion: 129 Resp: 104478
Ion Ratio Lower Upper
129 100
127 78.0 53.7 99.7





#50

1,2-Dibromoethane

Concen: 52.258 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050381

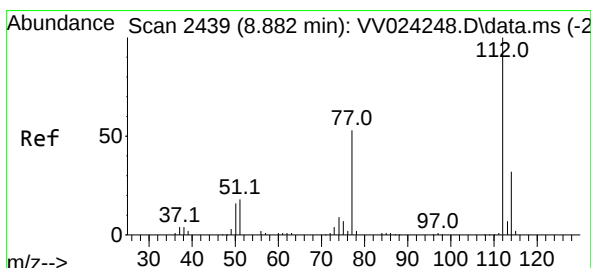
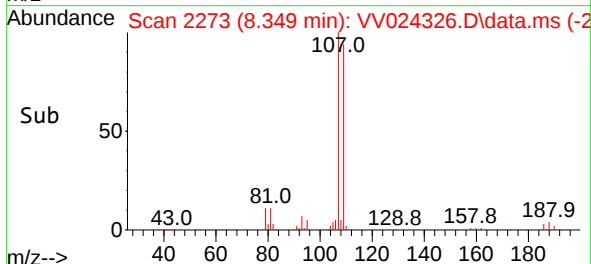
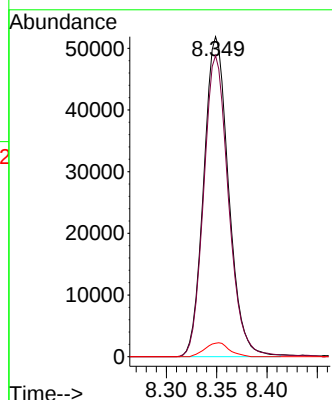
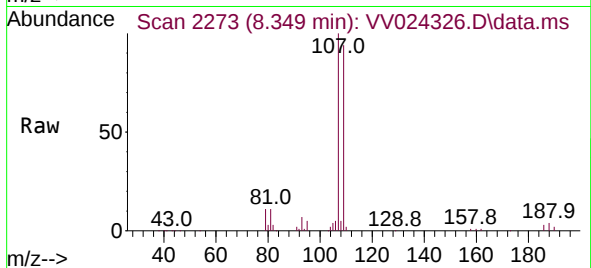
Tgt Ion:107 Resp: 89139

Ion Ratio Lower Upper

107 100

109 94.1 65.8 122.2

188 4.2 3.8 5.6



#51

Chlorobenzene

Concen: 52.248 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

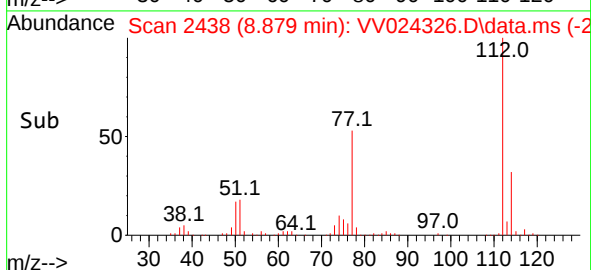
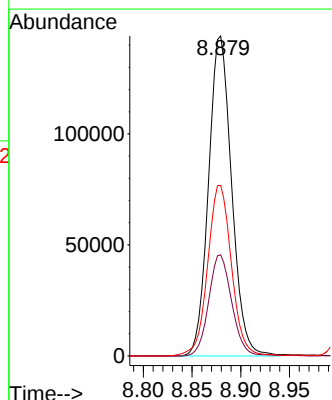
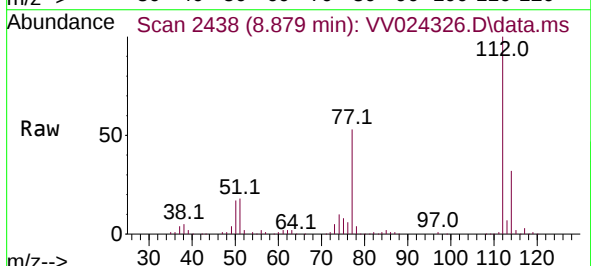
Tgt Ion:112 Resp: 237923

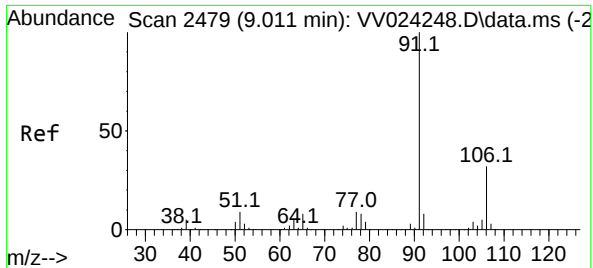
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.5

77 53.3 42.8 64.2

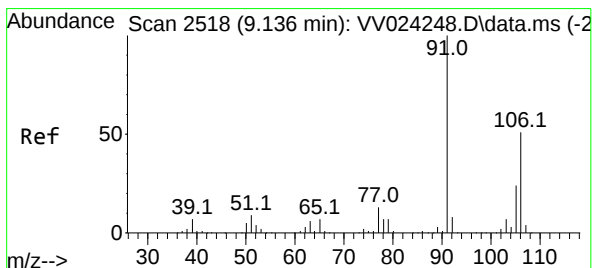
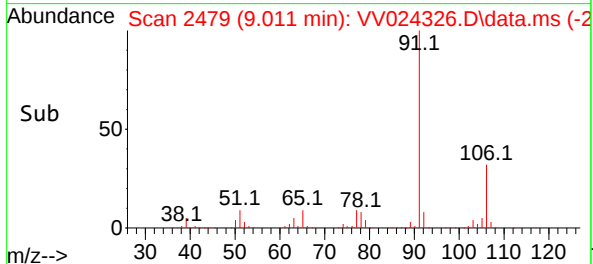
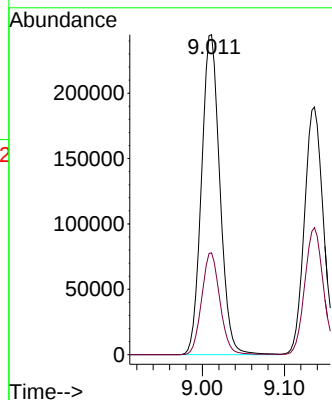
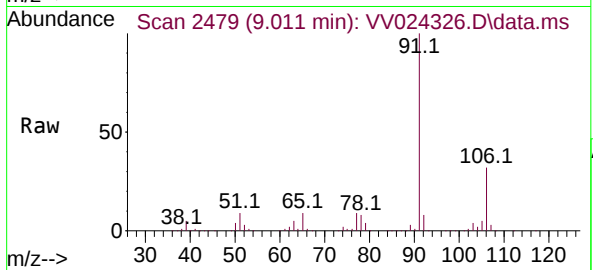




#52
Ethylbenzene
Concen: 52.679 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

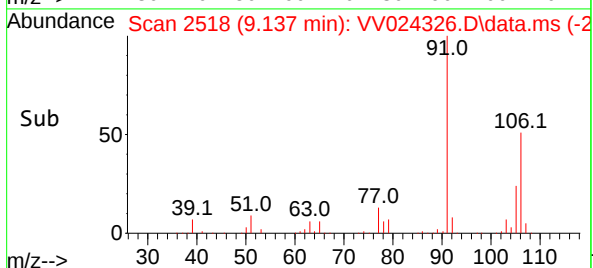
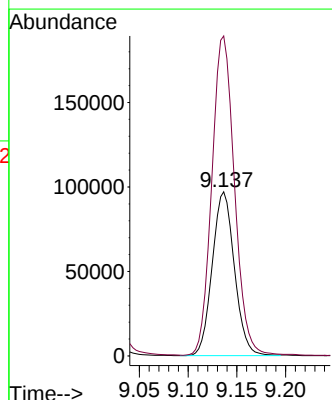
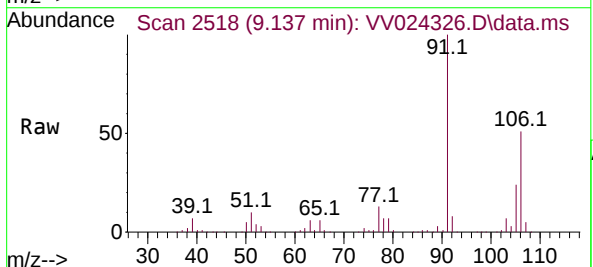
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

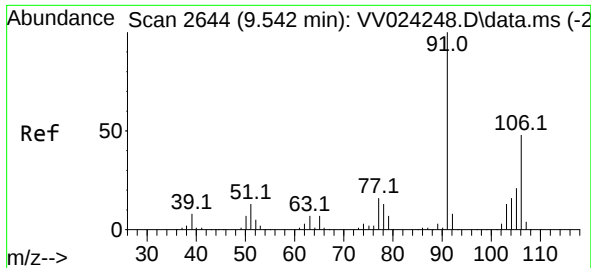
Tgt Ion: 91 Resp: 380480
Ion Ratio Lower Upper
91 100
106 31.9 22.0 41.0



#53
m,p-Xylene
Concen: 53.009 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion:106 Resp: 153466
Ion Ratio Lower Upper
106 100
91 194.9 141.8 263.4

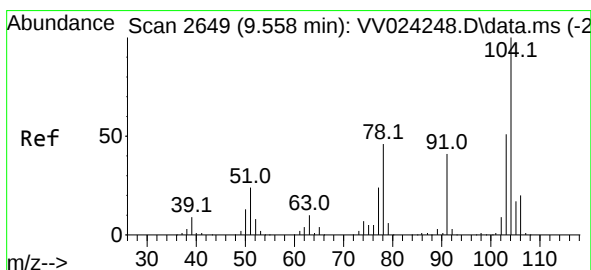
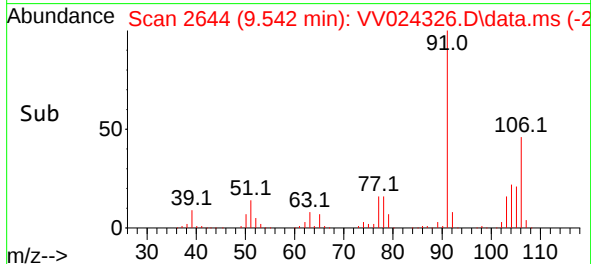
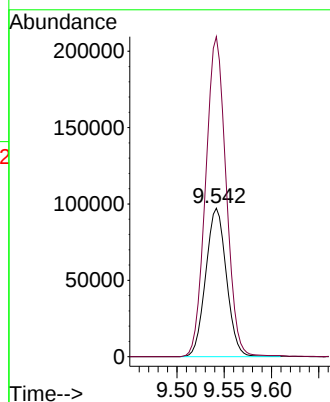
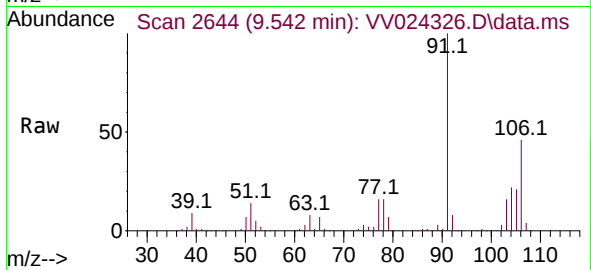




#54
o-Xylene
Concen: 53.627 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

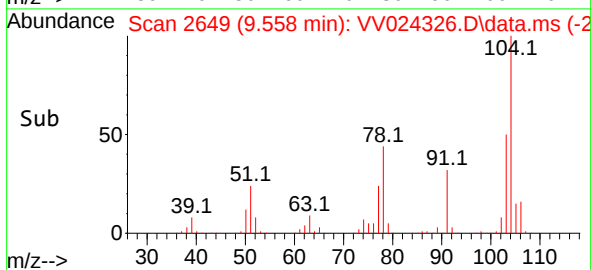
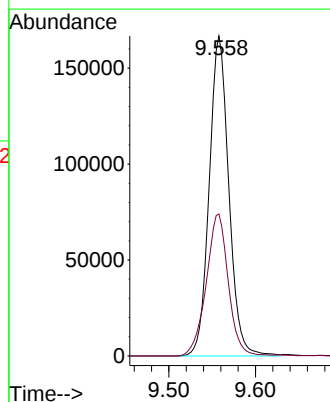
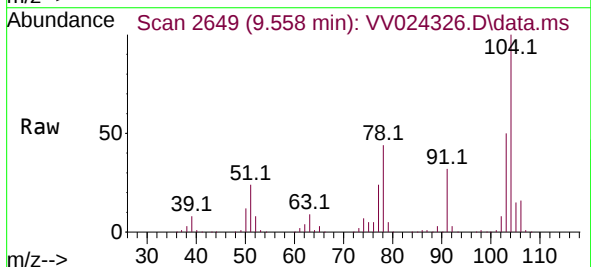
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

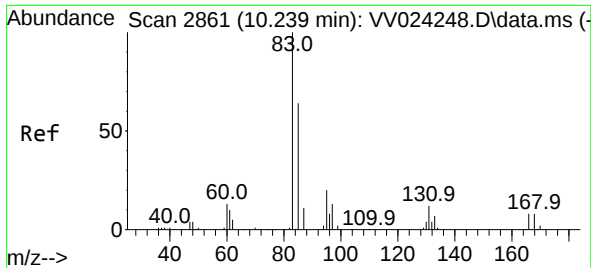
Tgt Ion:106 Resp: 148204
Ion Ratio Lower Upper
106 100
91 215.4 150.9 280.3



#55
Styrene
Concen: 54.701 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion:104 Resp: 262525
Ion Ratio Lower Upper
104 100
78 44.3 31.5 58.5

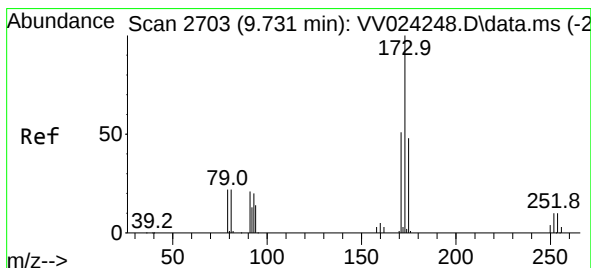
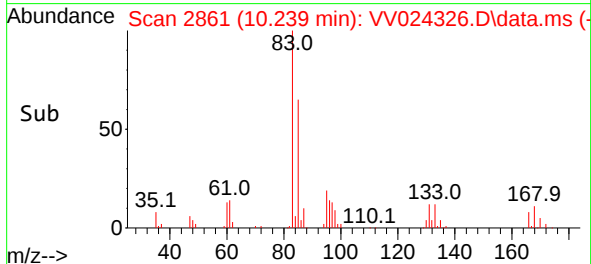
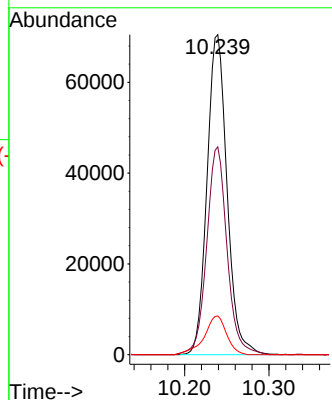
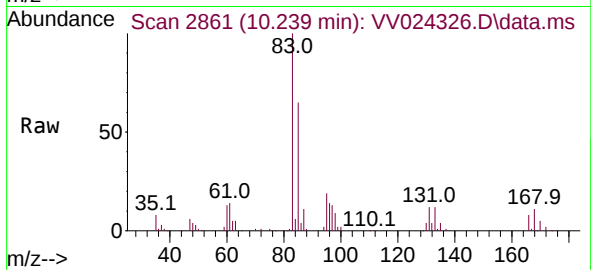




#57
 1,1,2,2-Tetrachloroethane
 Concen: 50.259 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024326.D
 Acq: 12 Jan 2022 12:04

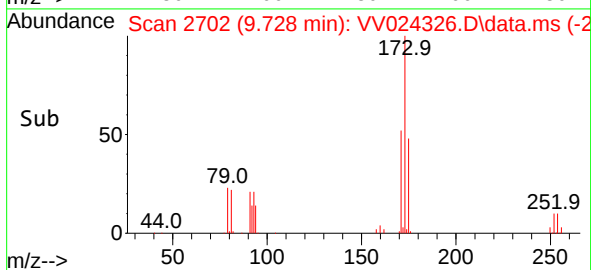
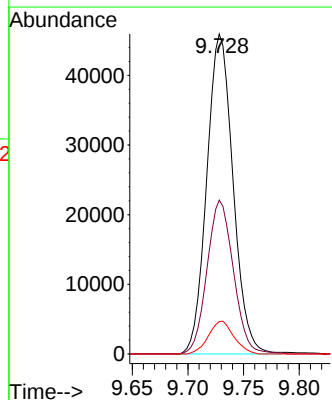
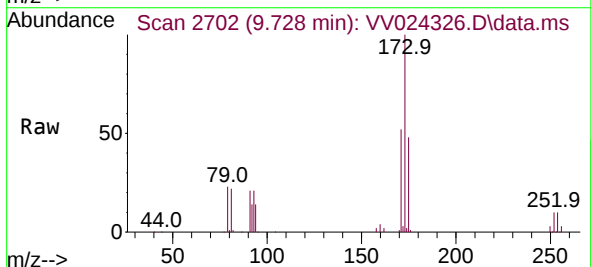
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050381

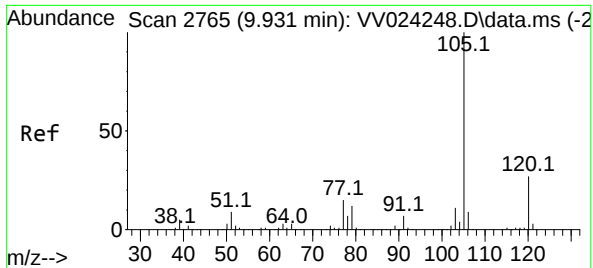
Tgt Ion: 83 Resp: 116549
 Ion Ratio Lower Upper
 83 100
 85 64.9 44.5 82.7
 131 12.1 9.2 13.8



#59
 Bromoform
 Concen: 48.567 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV024326.D
 Acq: 12 Jan 2022 12:04

Tgt Ion: 173 Resp: 75351
 Ion Ratio Lower Upper
 173 100
 175 48.3 39.4 59.2
 254 9.9 7.8 11.6

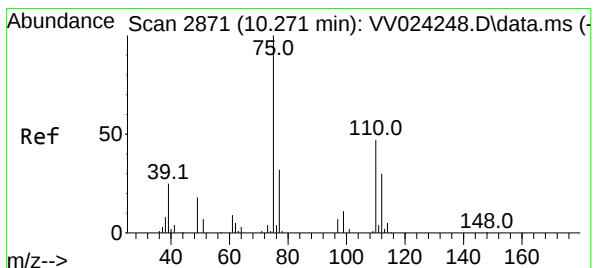
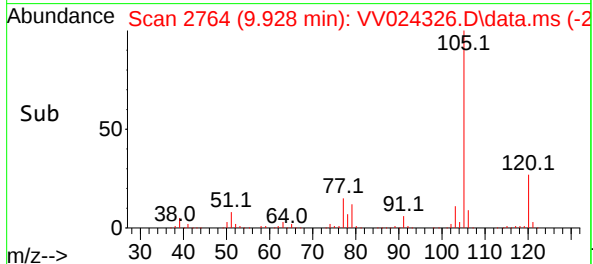
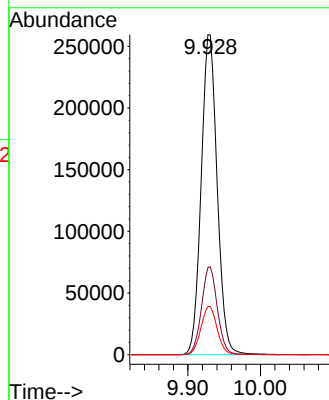
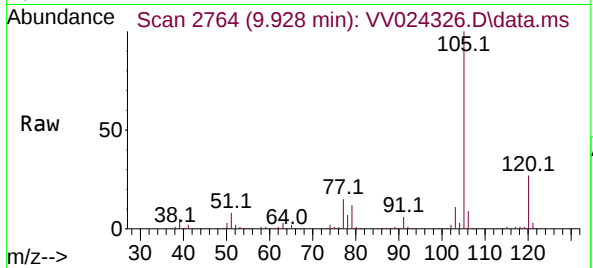




#60
Isopropylbenzene
Concen: 52.707 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

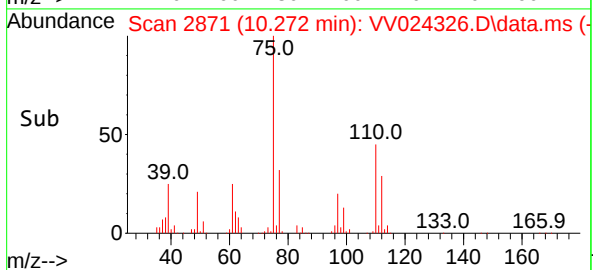
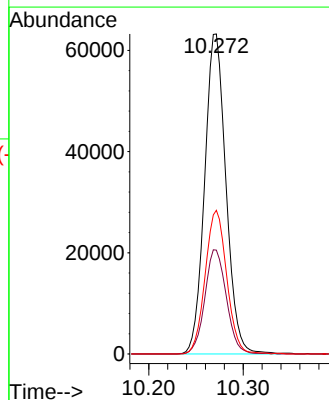
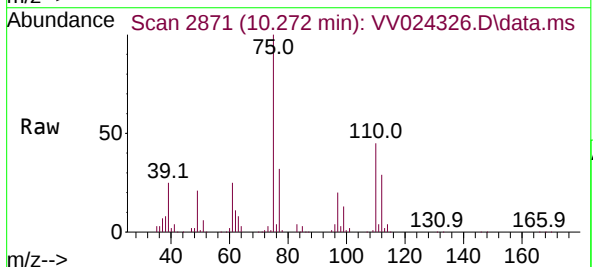
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

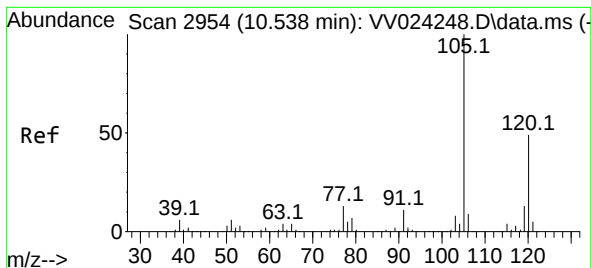
Tgt Ion:105 Resp: 396831
Ion Ratio Lower Upper
105 100
120 27.2 21.9 32.9
77 15.3 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 49.636 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion: 75 Resp: 99169
Ion Ratio Lower Upper
75 100
77 32.8 26.9 40.3
110 45.3 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 52.914 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

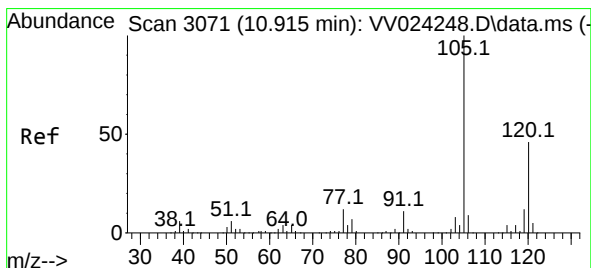
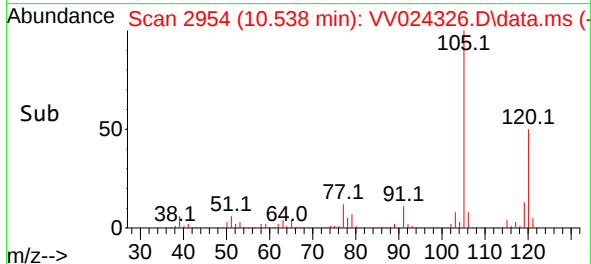
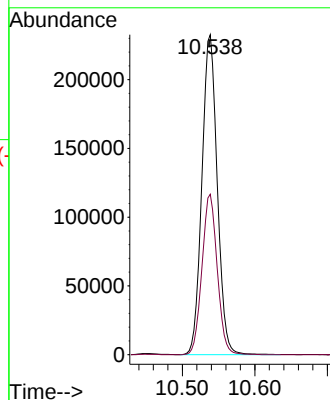
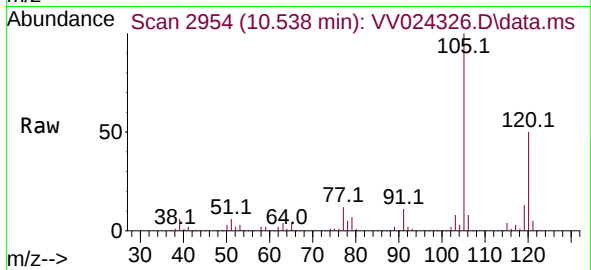
VSTD050381

Tgt Ion:105 Resp: 342693

Ion Ratio Lower Upper

105 100

120 49.8 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 54.168 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024326.D

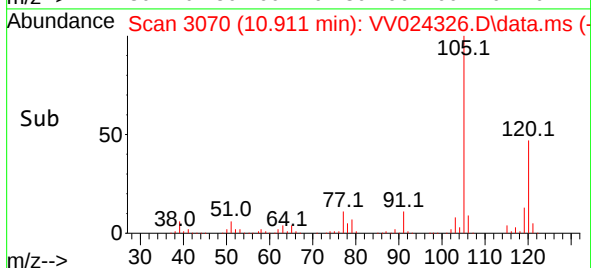
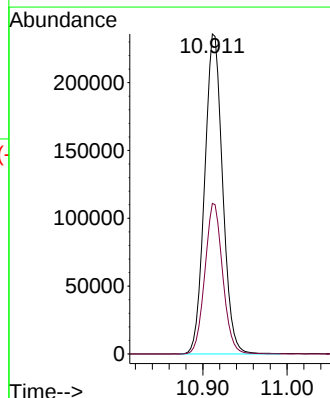
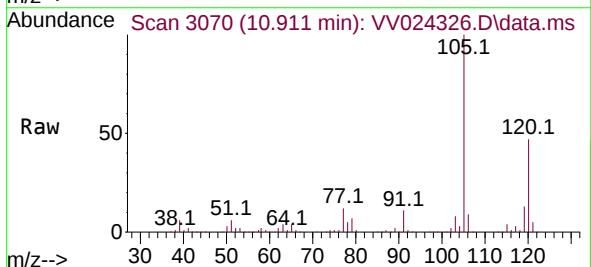
Acq: 12 Jan 2022 12:04

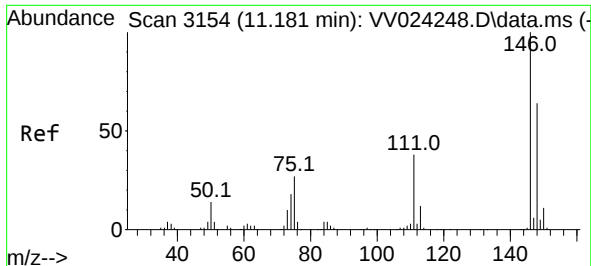
Tgt Ion:105 Resp: 350229

Ion Ratio Lower Upper

105 100

120 46.8 36.6 55.0

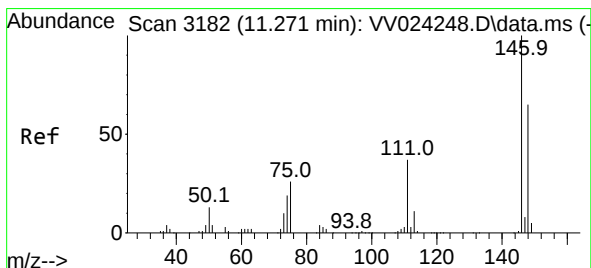
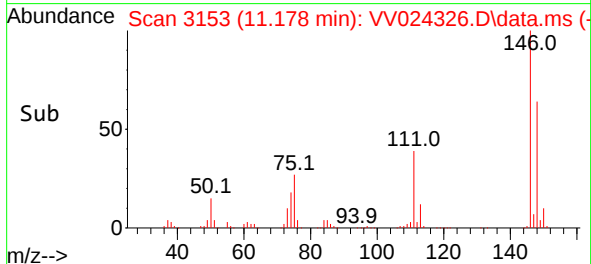
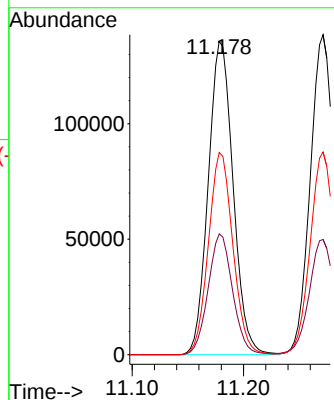
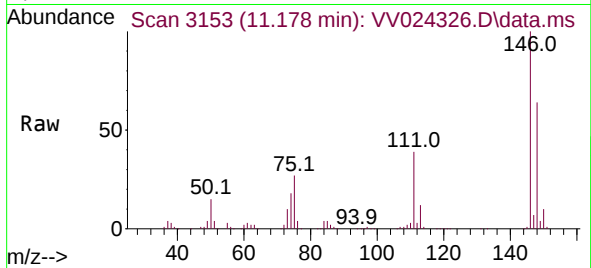




#64
1,3-Dichlorobenzene
Concen: 54.194 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

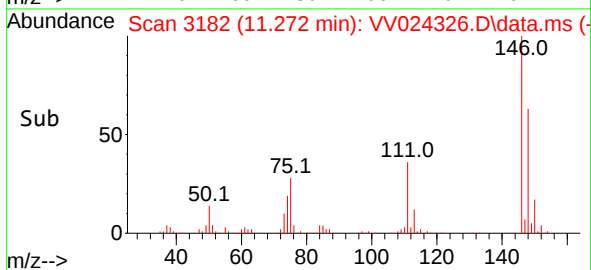
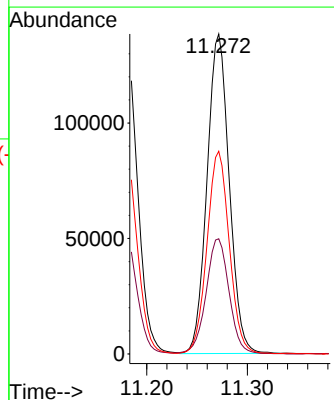
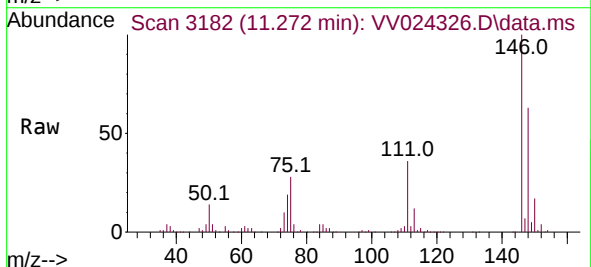
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

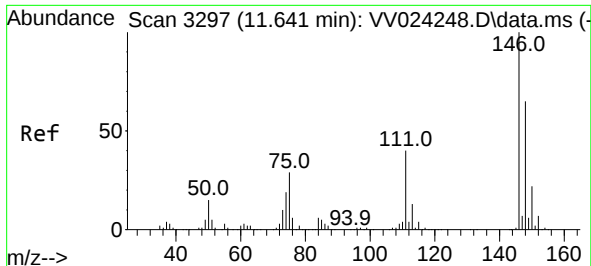
Tgt Ion:146 Resp: 210384
Ion Ratio Lower Upper
146 100
111 38.5 26.5 49.3
148 64.5 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 52.909 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion:146 Resp: 211821
Ion Ratio Lower Upper
146 100
111 36.0 26.5 49.3
148 63.4 44.9 83.5

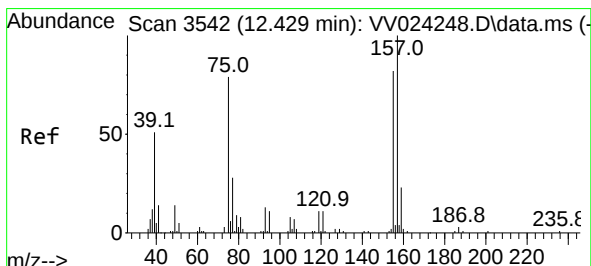
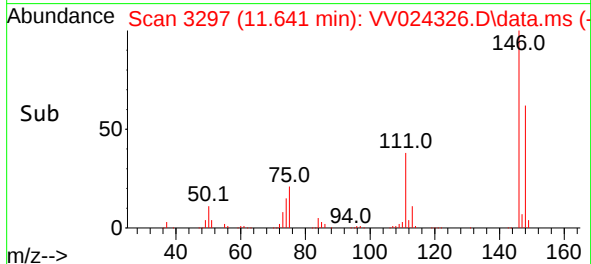
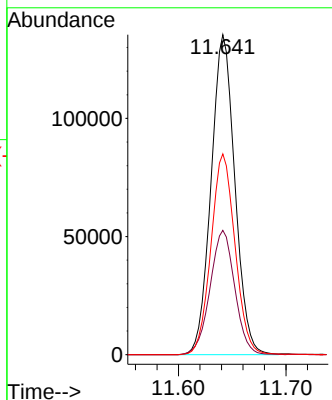
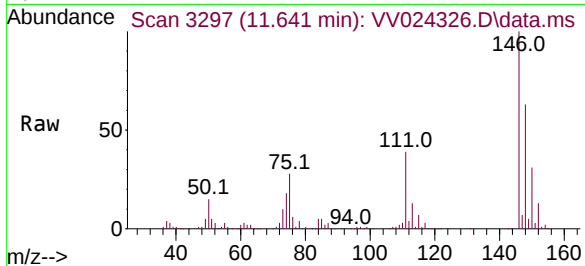




#67
1,2-Dichlorobenzene
Concen: 52.066 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

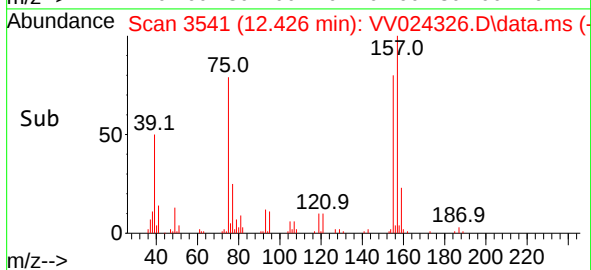
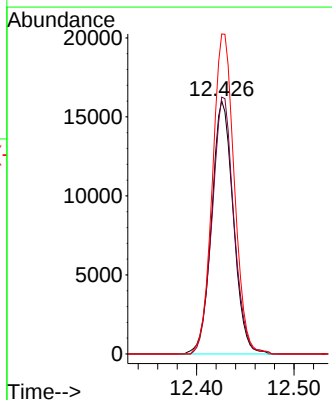
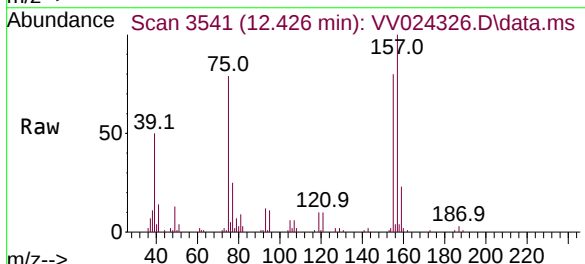
Instrument :
MSVOA_V
ClientSampleId :
VSTD050381

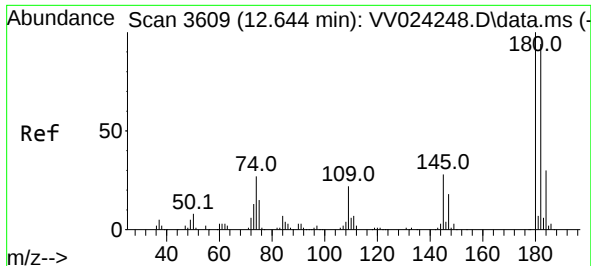
Tgt Ion:146 Resp: 208310
Ion Ratio Lower Upper
146 100
111 38.8 32.0 48.0
148 62.8 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 42.987 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024326.D
Acq: 12 Jan 2022 12:04

Tgt Ion: 75 Resp: 24736
Ion Ratio Lower Upper
75 100
155 101.5 73.2 109.8
157 126.5 98.5 147.7





#69

1,3,5-Trichlorobenzene

Concen: 53.369 ug/L

RT: 12.644 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050381

Tgt Ion:180 Resp: 159359

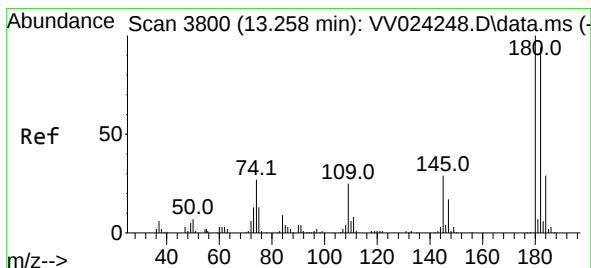
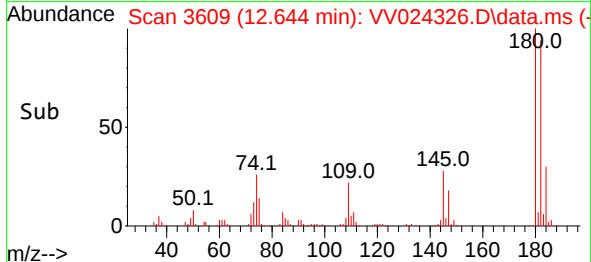
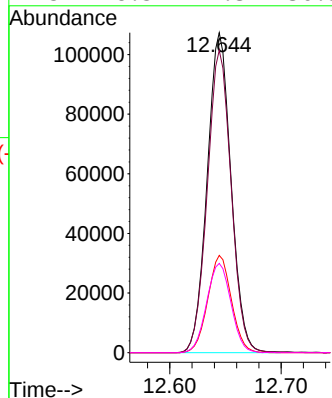
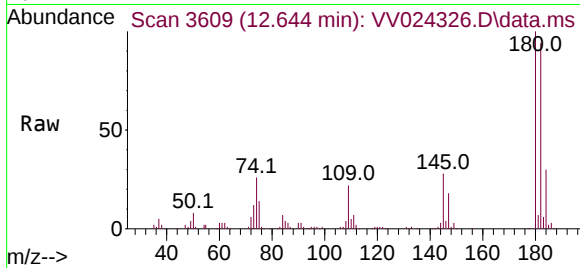
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

184 30.2 24.7 37.1

145 28.5 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 52.470 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

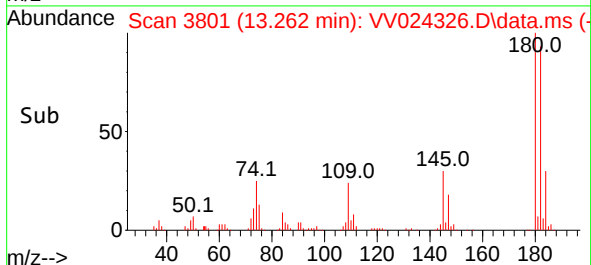
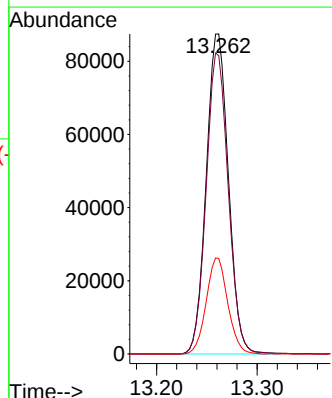
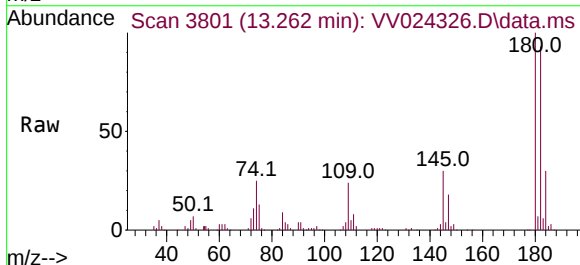
Tgt Ion:180 Resp: 133993

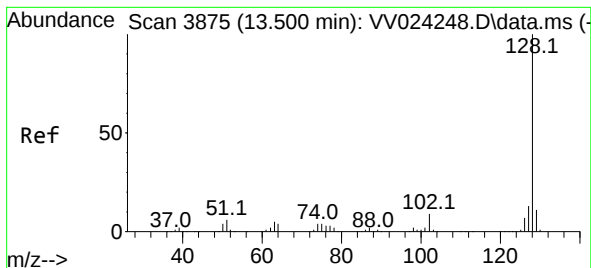
Ion Ratio Lower Upper

180 100

182 93.9 75.6 113.4

145 29.2 23.9 35.9





#71

Naphthalene

Concen: 48.630 ug/L

RT: 13.500 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050381

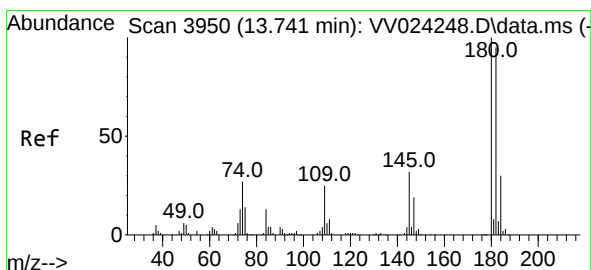
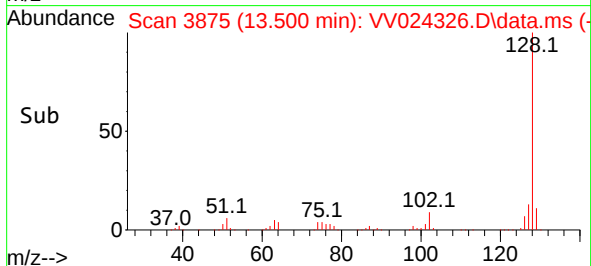
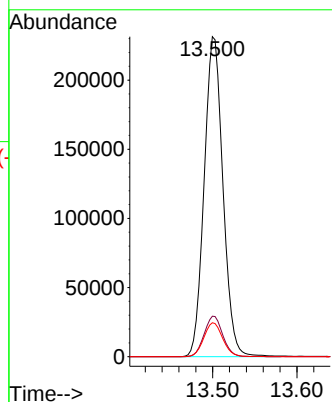
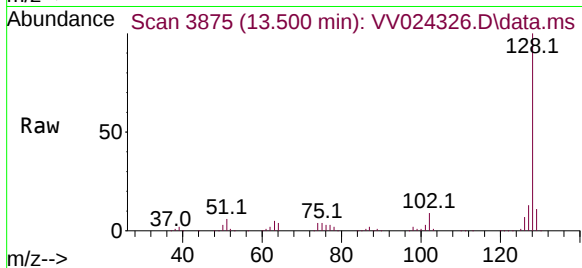
Tgt Ion:128 Resp: 359295

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 51.140 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV024326.D

Acq: 12 Jan 2022 12:04

Tgt Ion:180 Resp: 134975

Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

145 31.5 25.0 37.4

