

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010622\
 Data File : VW024300.D
 Acq On : 06 Jan 2022 17:27
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 07 01:39:32 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	5.616	114	244364	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	233179	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	134820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68195	38.777	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.560%
7) Chloroethane-d5	1.571	69	56020	41.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.860%
11) 1,1-Dichloroethene-d2	2.111	63	141354	43.006	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.020%
21) 2-Butanone-d5	3.886	46	84080	85.811	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.810%
24) Chloroform-d	4.349	84	145560	45.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.580%
26) 1,2-Dichloroethane-d4	5.030	65	95789	44.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.020%
32) Benzene-d6	5.047	84	268609	44.143	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.280%
36) 1,2-Dichloropropane-d6	6.066	67	75145	44.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.120%
41) Toluene-d8	7.313	98	264848	44.954	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.900%
43) trans-1,3-Dichloroprop...	7.619	79	44998	45.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.640%
47) 2-Hexanone-d5	8.085	63	64652	87.261	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	106372	43.648	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.300%
66) 1,2-Dichlorobenzene-d4	11.622	152	119065	44.307	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	87349	44.307	ug/L	100
3) Chloromethane	1.243	50	73996	44.676	ug/L	96
5) Vinyl chloride	1.314	62	80613	45.998	ug/L	94
6) Bromomethane	1.526	94	55102	55.176	ug/L	99
8) Chloroethane	1.587	64	49462	45.725	ug/L	96
9) Trichlorofluoromethane	1.754	101	151549	48.108	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	76145	49.459	ug/L	99
12) 1,1-Dichloroethene	2.121	96	69414	46.635	ug/L	93
13) Acetone	2.178	43	94196	97.369	ug/L	98
14) Carbon disulfide	2.297	76	184100	42.598	ug/L	99
15) Methyl Acetate	2.432	43	62328	44.297	ug/L	100
16) Methylene chloride	2.506	84	75443	46.543	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	72494	47.264	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	230308	48.720	ug/L	99
19) 1,1-Dichloroethane	3.188	63	121893	47.914	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	78092	47.673	ug/L	95
22) 2-Butanone	3.969	43	95078	92.521	ug/L	94
23) Bromochloromethane	4.246	128	44975	47.650	ug/L	97
25) Chloroform	4.371	83	140062	47.088	ug/L	100

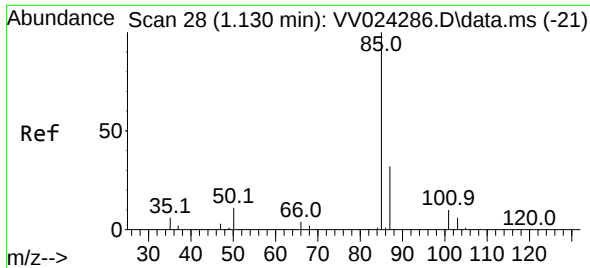
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 01:34:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	111775	46.201	ug/L	100
29) Cyclohexane	4.680	56	100214	48.078	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	136862	47.703	ug/L	99
31) Carbon tetrachloride	4.828	117	125721	47.233	ug/L	100
33) Benzene	5.098	78	281487	47.475	ug/L	100
34) Trichloroethene	5.911	95	78517	48.022	ug/L	97
35) Methylcyclohexane	6.130	83	119154	49.138	ug/L	99
37) 1,2-Dichloropropane	6.172	63	67059	48.086	ug/L	99
38) Bromodichloromethane	6.506	83	103332	47.218	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	113072	48.233	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	165944	91.252	ug/L	99
42) Toluene	7.384	91	325775	48.947	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	116322	48.915	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	74847	47.874	ug/L	96
46) Tetrachloroethene	7.976	164	72122	48.463	ug/L	98
48) 2-Hexanone	8.136	43	141498	96.875	ug/L	99
49) Dibromochloromethane	8.243	129	91445	46.663	ug/L	98
50) 1,2-Dibromoethane	8.349	107	77723	46.285	ug/L	97
51) Chlorobenzene	8.879	112	215722	48.122	ug/L	99
52) Ethylbenzene	9.011	91	348621	49.030	ug/L	98
53) m,p-Xylene	9.136	106	138918	48.742	ug/L	99
54) o-Xylene	9.542	106	135338	49.745	ug/L	98
55) Styrene	9.558	104	240218	50.844	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	103501	45.338	ug/L	98
59) Bromoform	9.728	173	66027	42.949	ug/L	100
60) Isopropylbenzene	9.931	105	368896	49.448	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	85814	43.347	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	319598	49.803	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	323778	50.538	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	187774	48.815	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	188157	47.432	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	188148	47.460	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	22804	39.995	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	144161	48.724	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	124496	49.200	ug/L	99
71) Naphthalene	13.500	128	344972	47.121	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	125705	48.066	ug/L	100

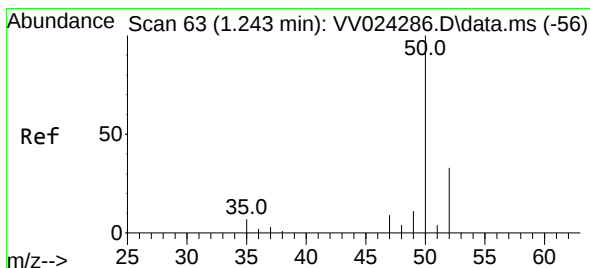
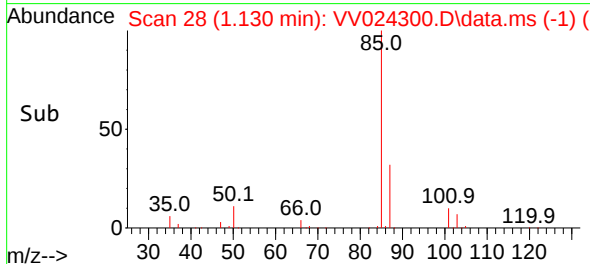
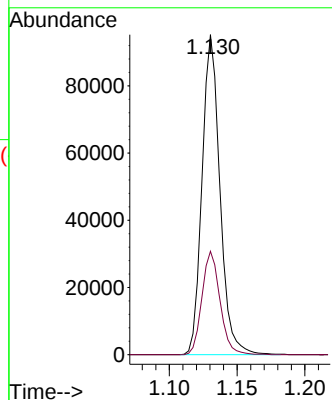
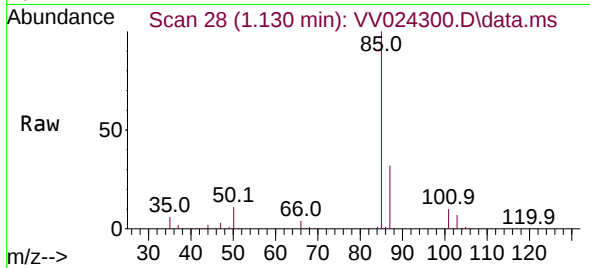
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 44.307 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024300.D
 Acq: 06 Jan 2022 17:27

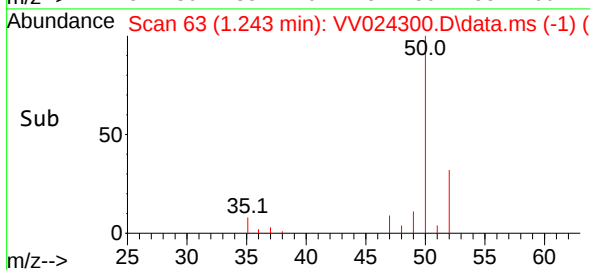
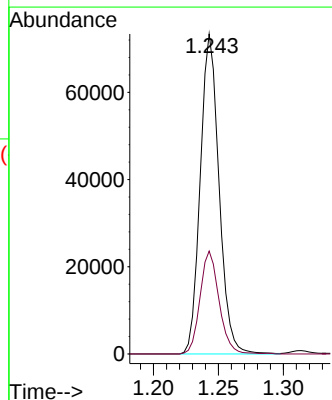
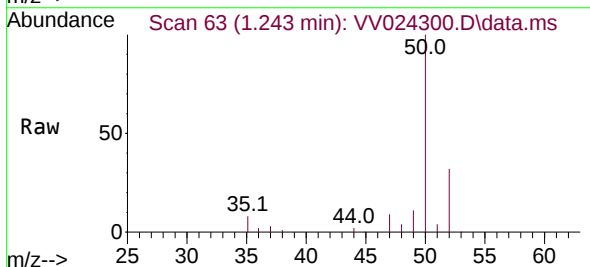
Instrument :
 MSVOA_V
 ClientSampleId :

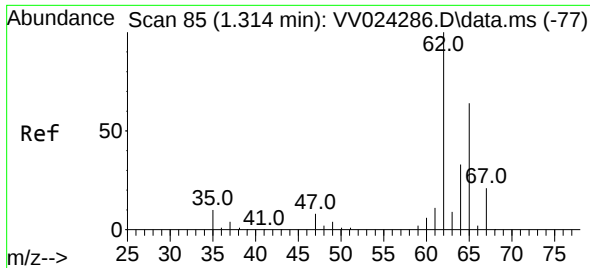
Tgt Ion: 85 Resp: 87349
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 44.676 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024300.D
 Acq: 06 Jan 2022 17:27

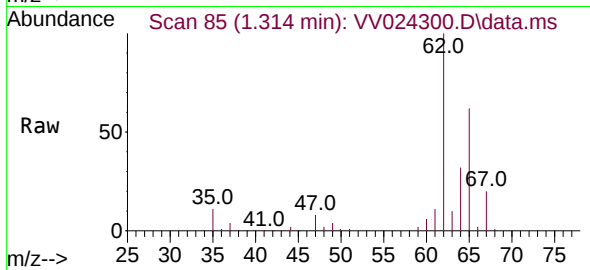
Tgt Ion: 50 Resp: 73996
 Ion Ratio Lower Upper
 50 100
 52 32.2 24.1 44.7



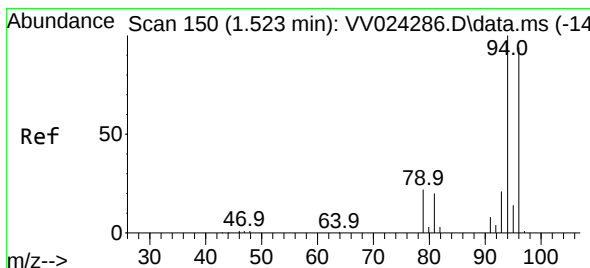
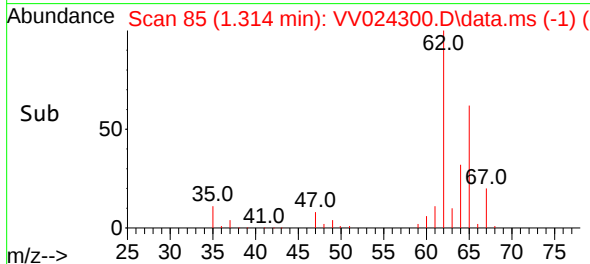
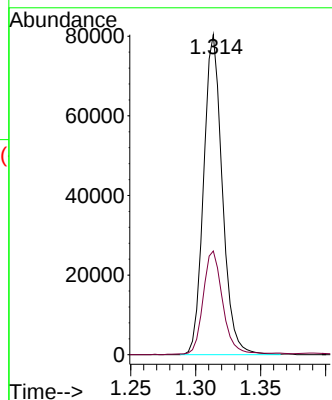


#5
 Vinyl chloride
 Concen: 45.998 ug/L
 RT: 1.314 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV024300.D
 Acq: 06 Jan 2022 17:27

Instrument :
 MSVOA_V
 ClientSampleId :

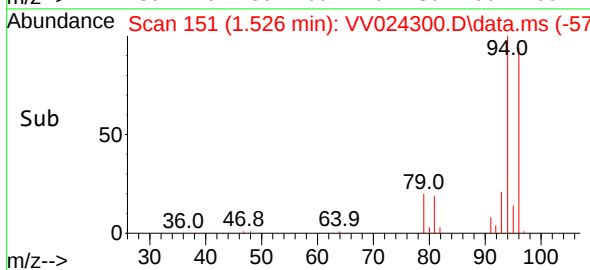
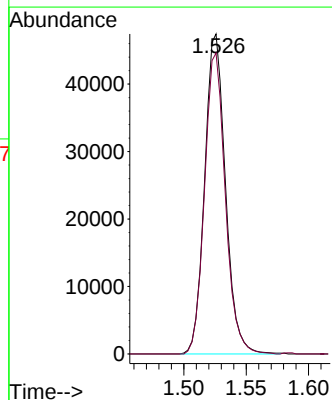
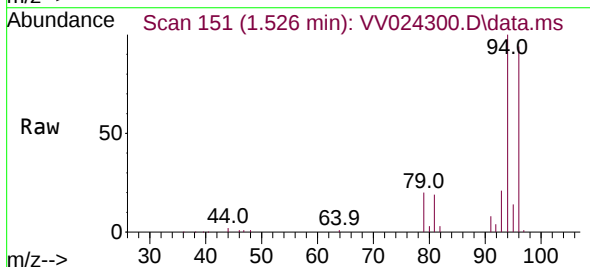


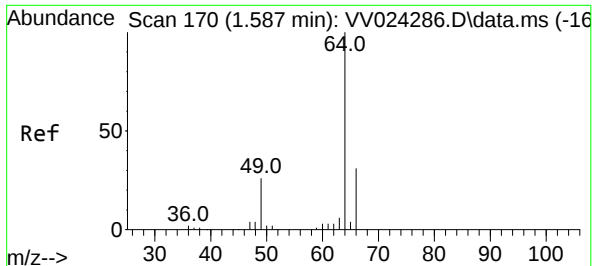
Tgt Ion: 62 Resp: 80613
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.0 46.4



#6
 Bromomethane
 Concen: 55.176 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024300.D
 Acq: 06 Jan 2022 17:27

Tgt Ion: 94 Resp: 55102
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.0 120.6

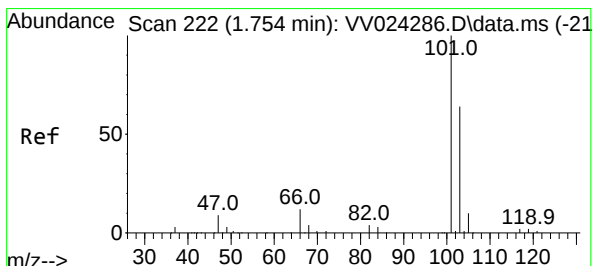
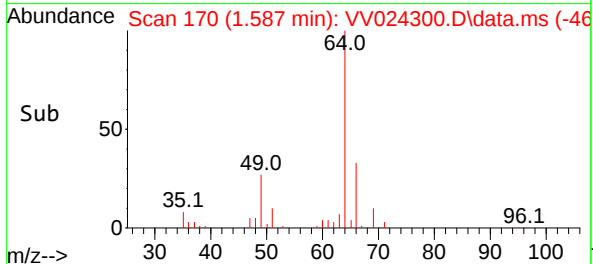
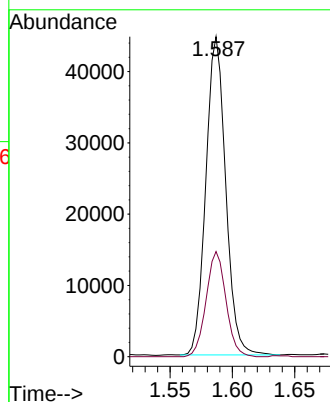
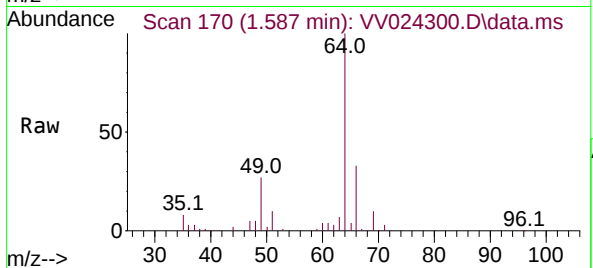




#8
Chloroethane
Concen: 45.725 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

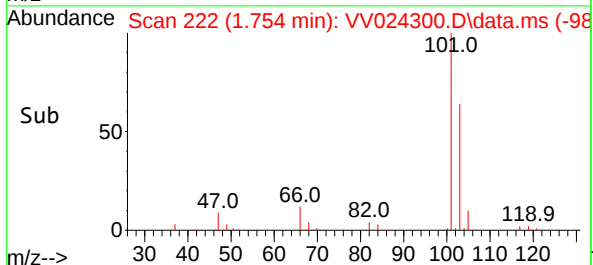
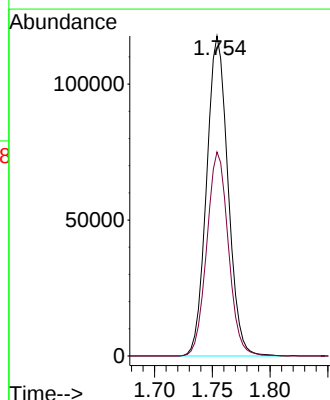
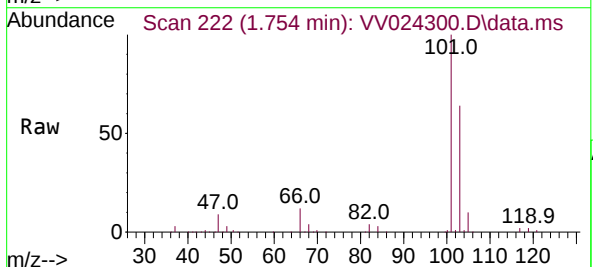
Instrument :
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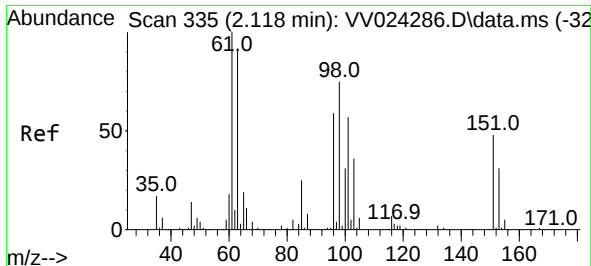
Tgt Ion: 64 Resp: 49462
Ion Ratio Lower Upper
64 100
66 32.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 48.108 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

Tgt Ion:101 Resp: 151549
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

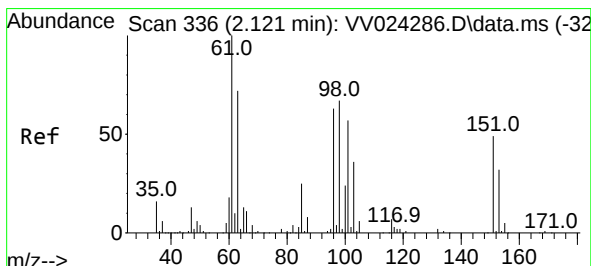
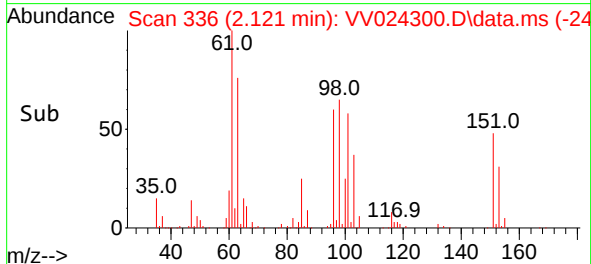
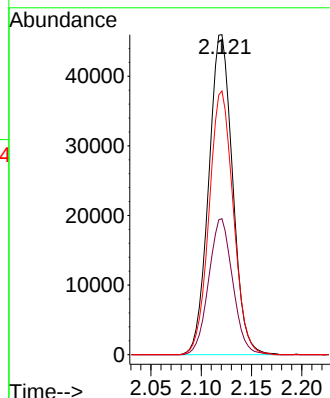
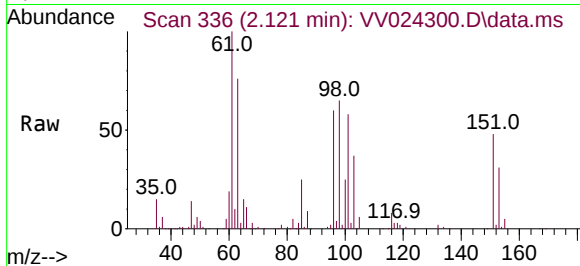




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.459 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024300.D
 Acq: 06 Jan 2022 17:27

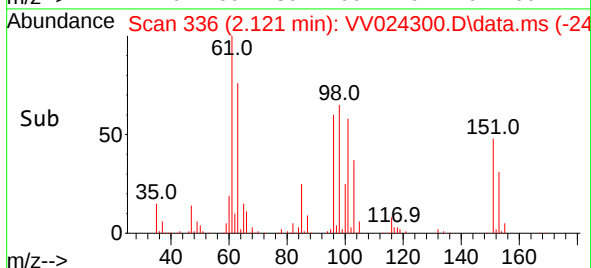
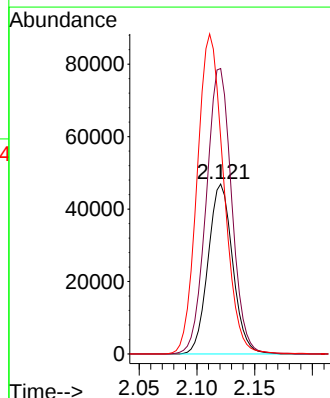
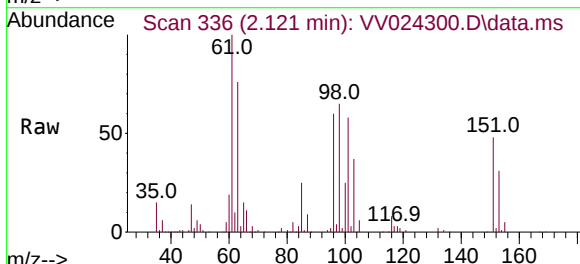
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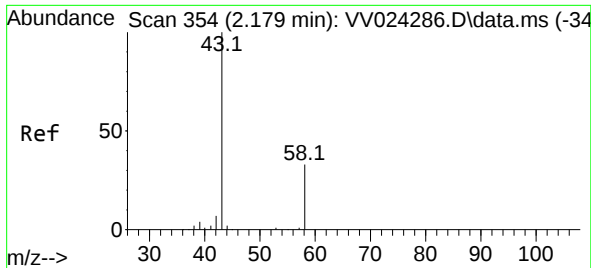
Tgt Ion:101 Resp: 76145
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.3 52.9
 151 83.4 67.1 100.7



#12
 1,1-Dichloroethene
 Concen: 46.635 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024300.D
 Acq: 06 Jan 2022 17:27

Tgt Ion: 96 Resp: 69414
 Ion Ratio Lower Upper
 96 100
 61 168.0 111.9 207.9
 63 127.1 82.7 153.5





#13

Acetone

Concen: 97.369 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

Instrument :

MSVOA_V

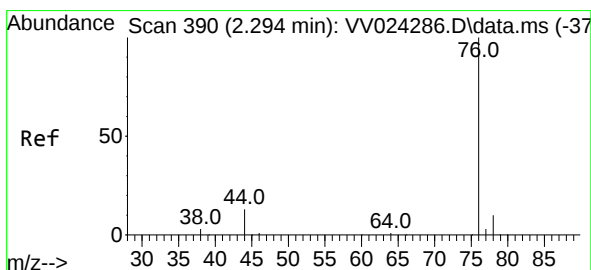
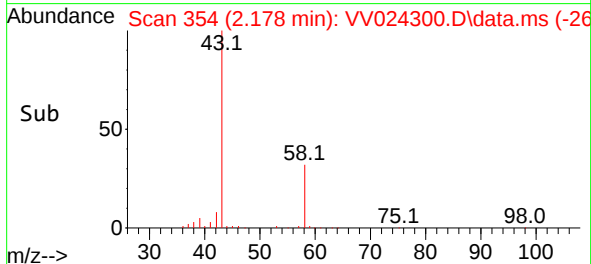
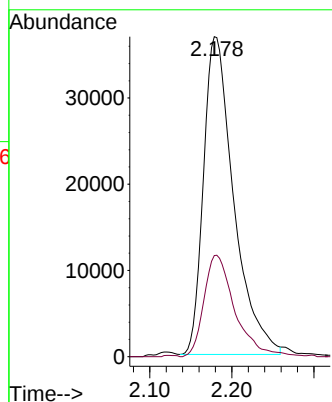
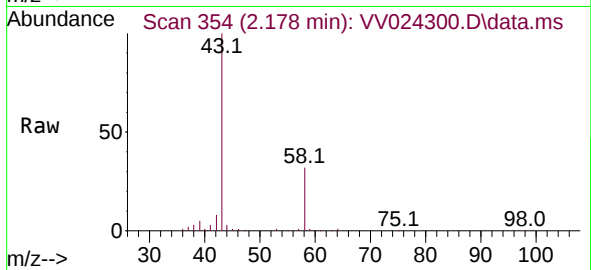
ClientSampleId :

Tgt Ion: 43 Resp: 94196

Ion Ratio Lower Upper

43 100

58 32.8 0.0 63.0



#14

Carbon disulfide

Concen: 42.598 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024300.D

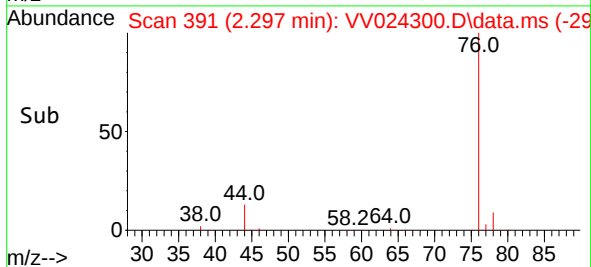
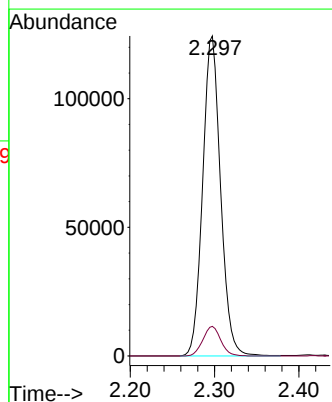
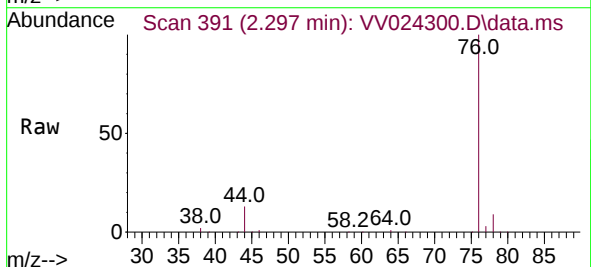
Acq: 06 Jan 2022 17:27

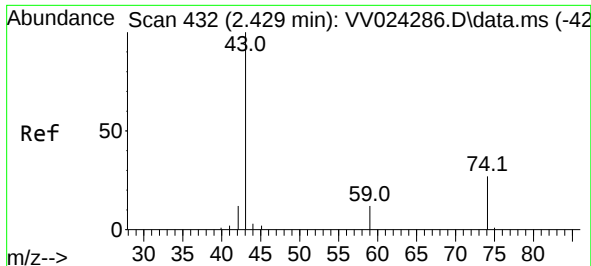
Tgt Ion: 76 Resp: 184100

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

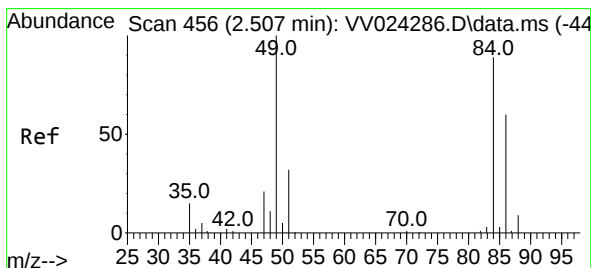
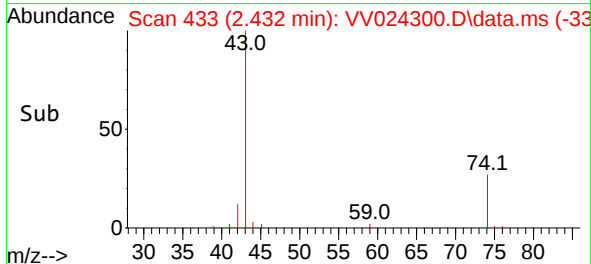
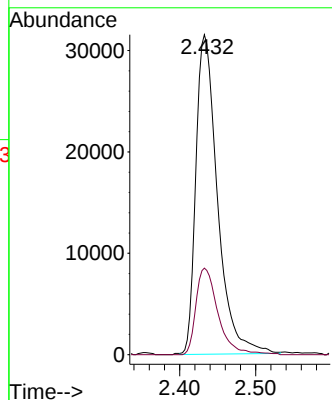
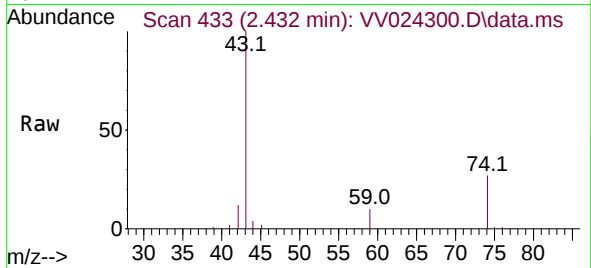




#15
Methyl Acetate
Concen: 44.297 ug/L
RT: 2.432 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

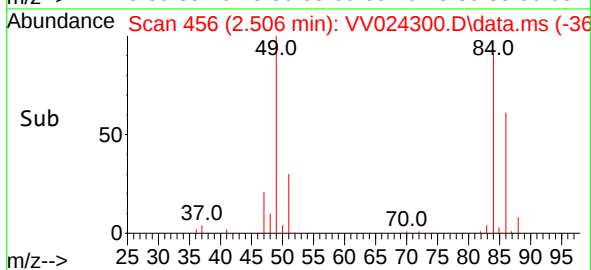
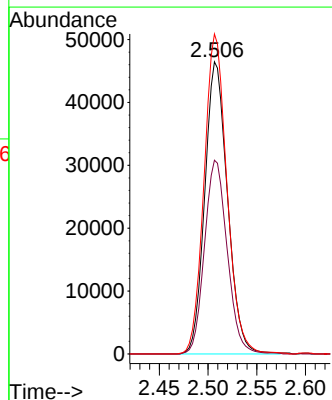
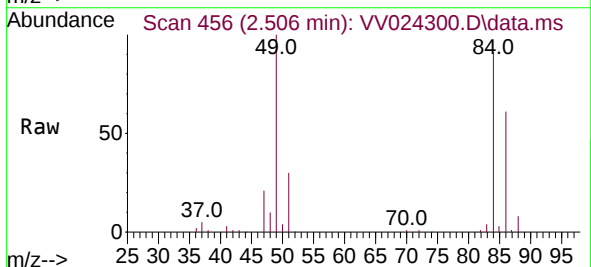
Instrument :
MSVOA_V
ClientSampleId :

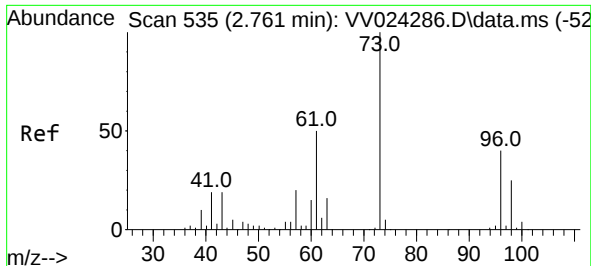
Tgt Ion: 43 Resp: 62328
Ion Ratio Lower Upper
43 100
74 27.2 21.8 32.8



#16
Methylene chloride
Concen: 46.543 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

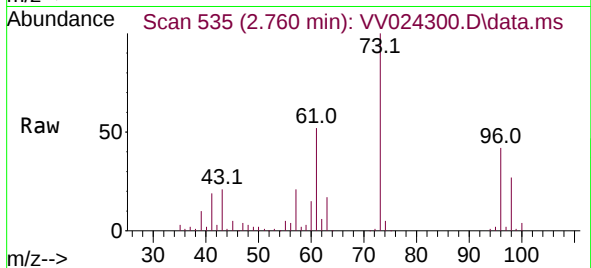
Tgt Ion: 84 Resp: 75443
Ion Ratio Lower Upper
84 100
86 66.3 46.8 86.8
49 109.5 78.3 145.3



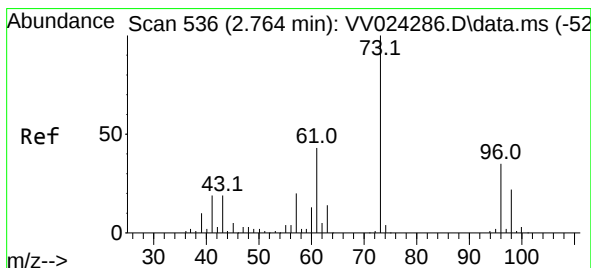
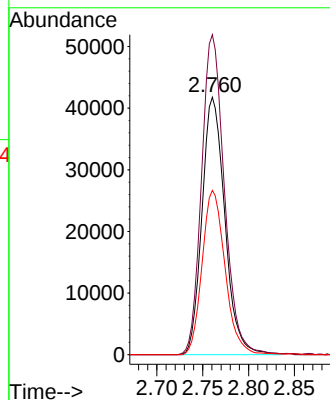
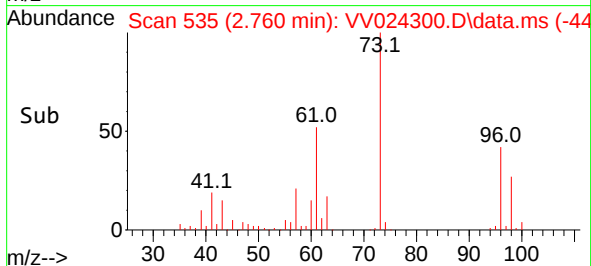


#17
trans-1,2-Dichloroethene
Concen: 47.264 ug/L
RT: 2.760 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

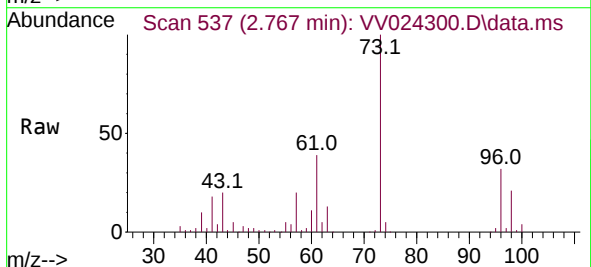
Instrument :
MSVOA_V
ClientSampleId :



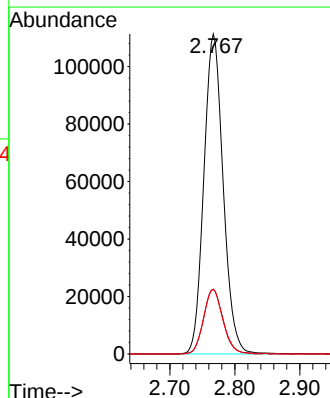
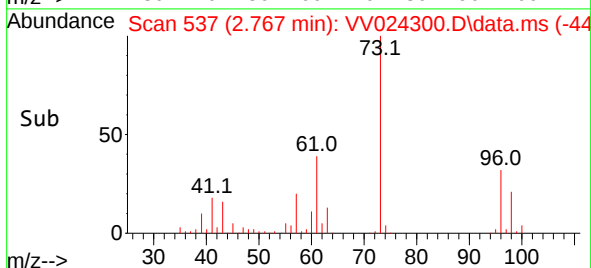
Tgt Ion: 96 Resp: 72494
Ion Ratio Lower Upper
96 100
61 124.3 88.1 163.7
98 63.8 45.0 83.6

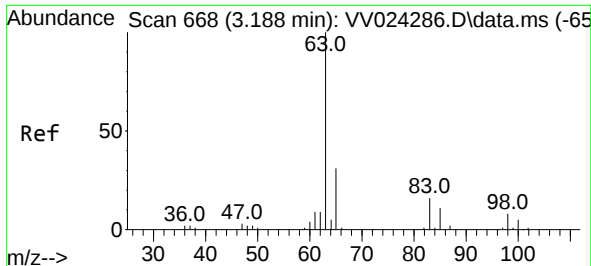


#18
Methyl tert-butyl Ether
Concen: 48.720 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27



Tgt Ion: 73 Resp: 230308
Ion Ratio Lower Upper
73 100
43 20.5 16.2 24.2
57 20.3 15.9 23.9





#19

1,1-Dichloroethane

Concen: 47.914 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

Instrument :

MSVOA_V

ClientSampleId :

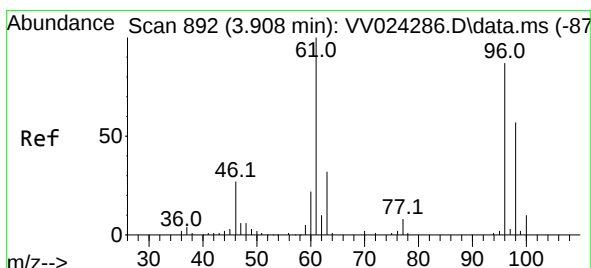
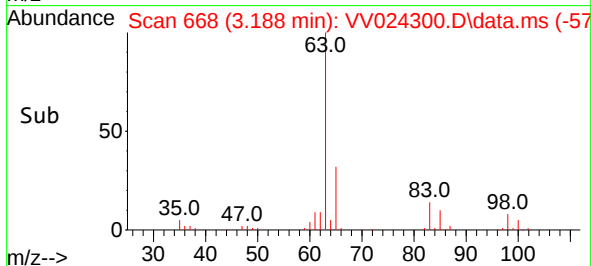
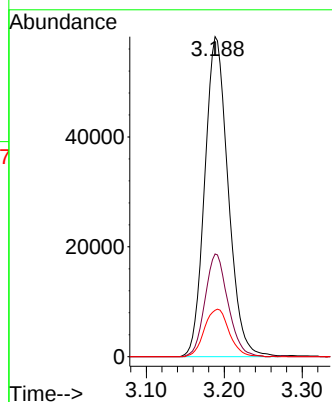
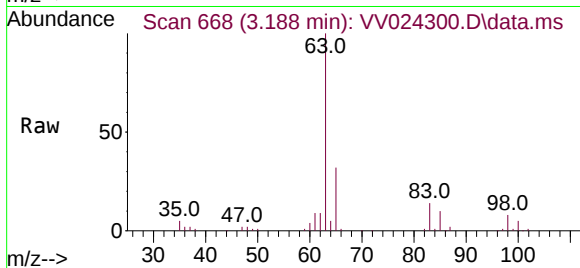
Tgt Ion: 63 Resp: 121893

Ion Ratio Lower Upper

63 100

65 32.1 22.4 41.6

83 14.5 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 47.673 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

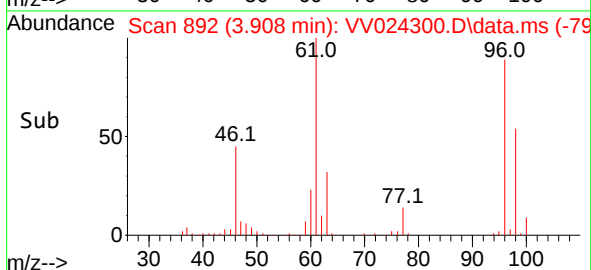
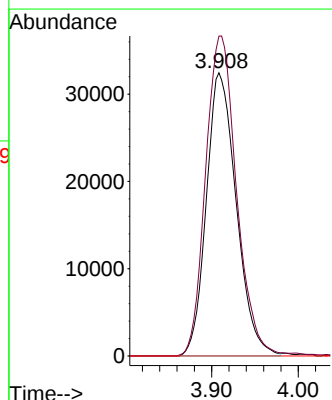
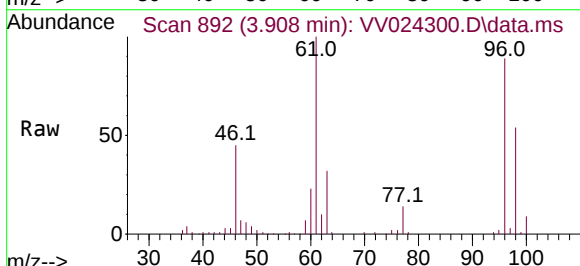
Tgt Ion: 96 Resp: 78092

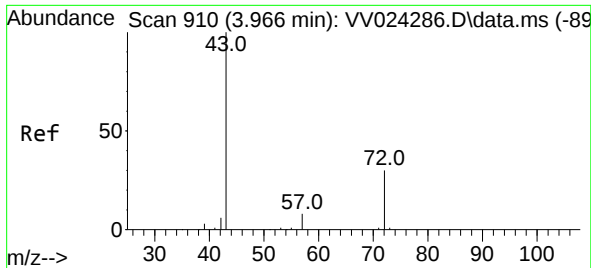
Ion Ratio Lower Upper

96 100

61 112.9 82.9 153.9

68 0.0 0.0 0.0

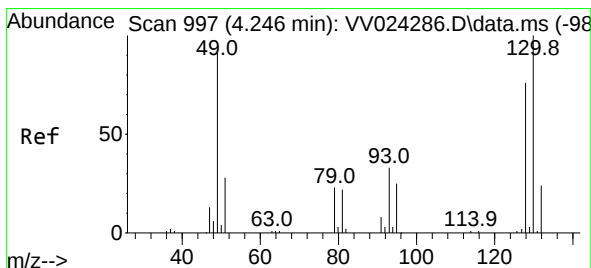
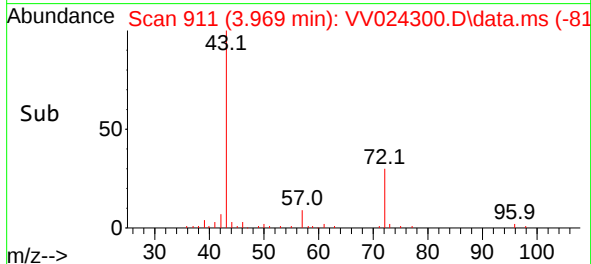
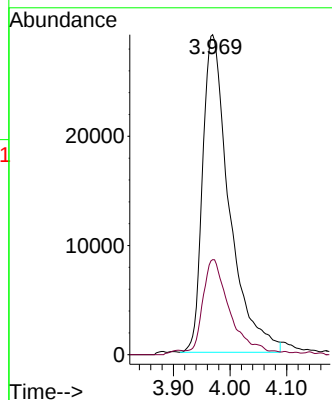
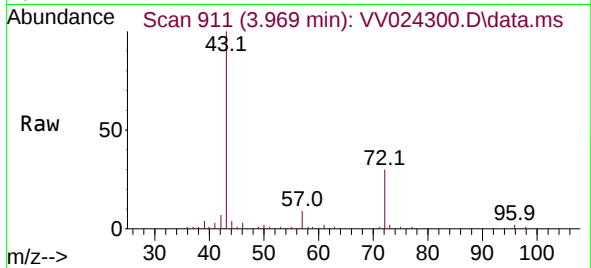




#22
2-Butanone
Concen: 92.521 ug/L
RT: 3.969 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

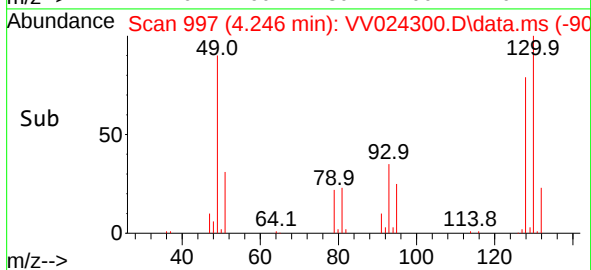
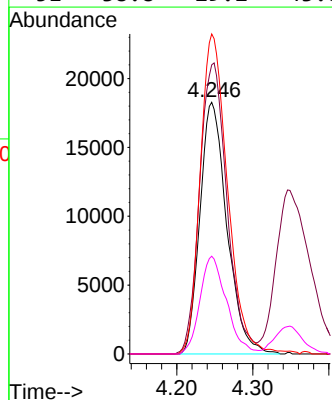
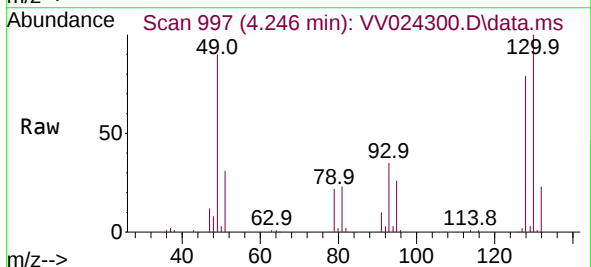
Instrument :
MSVOA_V
ClientSampleId :

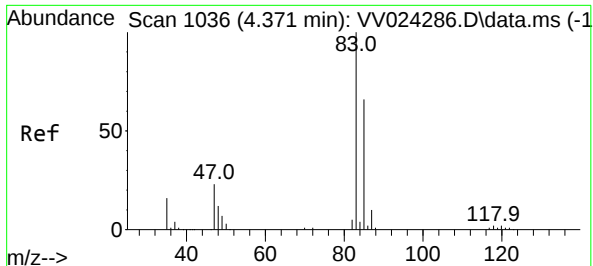
Tgt Ion: 43 Resp: 95078
Ion Ratio Lower Upper
43 100
72 26.4 14.9 44.9



#23
Bromochloromethane
Concen: 47.650 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

Tgt Ion: 128 Resp: 44975
Ion Ratio Lower Upper
128 100
49 114.9 83.1 154.3
130 127.1 87.0 161.6
51 38.8 29.2 43.8





#25

Chloroform

Concen: 47.088 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

Instrument :

MSVOA_V

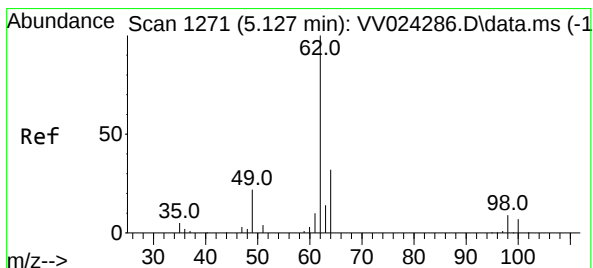
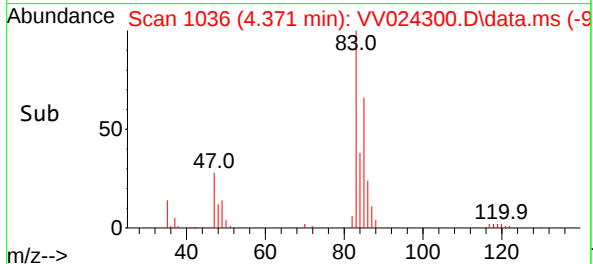
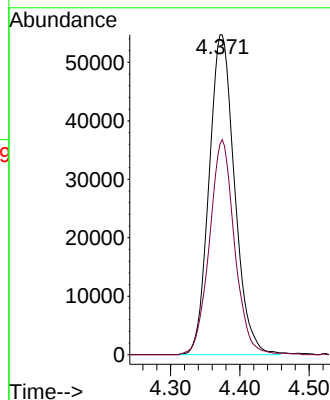
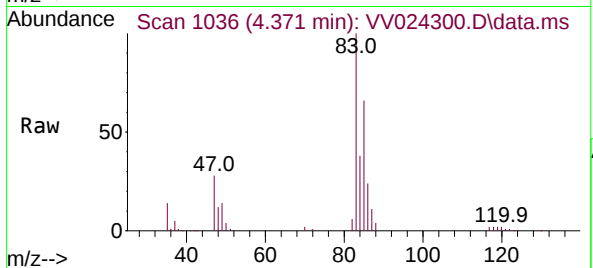
ClientSampleId :

Tgt Ion: 83 Resp: 140062

Ion Ratio Lower Upper

83 100

85 65.8 46.3 85.9



#27

1,2-Dichloroethane

Concen: 46.201 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV024300.D

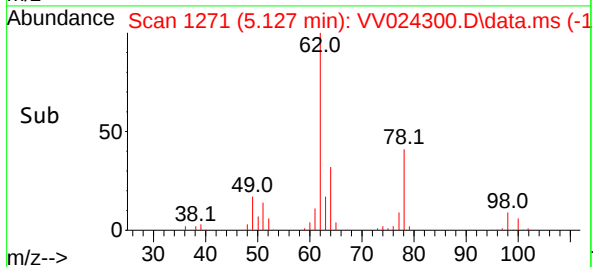
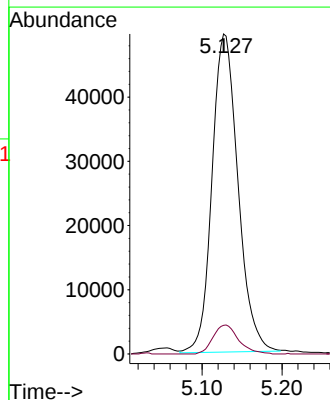
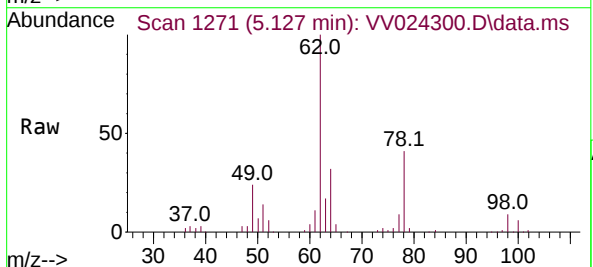
Acq: 06 Jan 2022 17:27

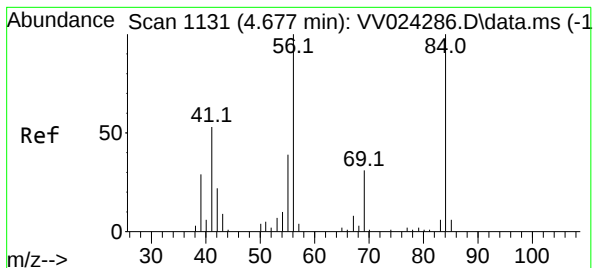
Tgt Ion: 62 Resp: 111775

Ion Ratio Lower Upper

62 100

98 9.0 7.1 10.7





#29

Cyclohexane

Concen: 48.078 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

Instrument :

MSVOA_V

ClientSampleId :

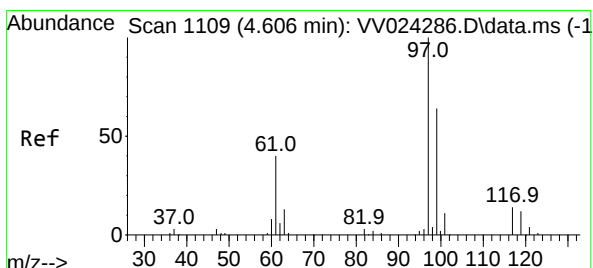
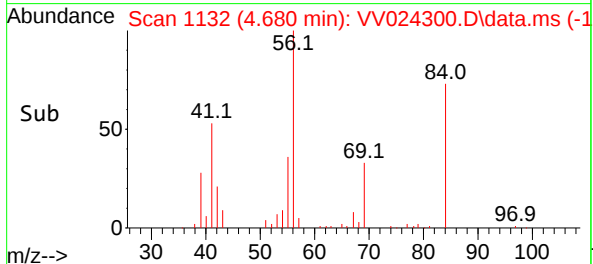
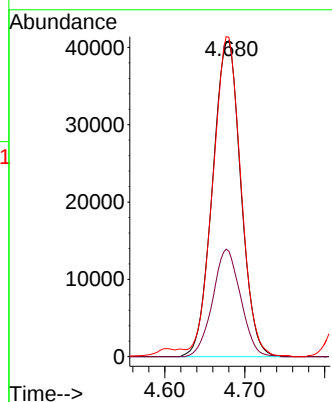
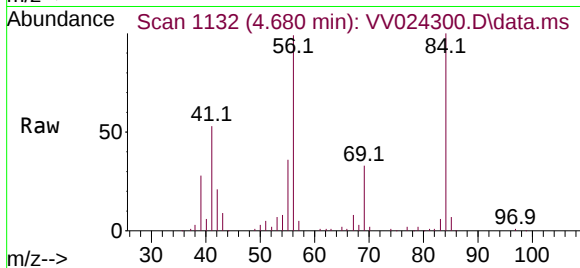
Tgt Ion: 56 Resp: 100214

Ion Ratio Lower Upper

56 100

69 33.6 25.8 38.6

84 99.9 79.1 118.7



#30

1,1,1-Trichloroethane

Concen: 47.703 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

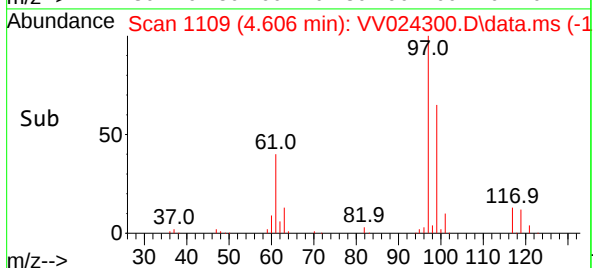
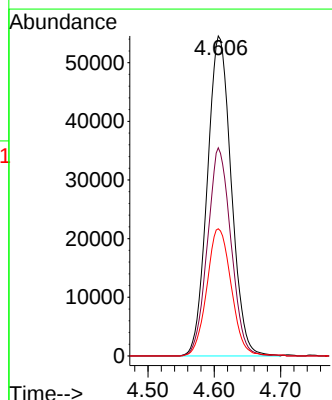
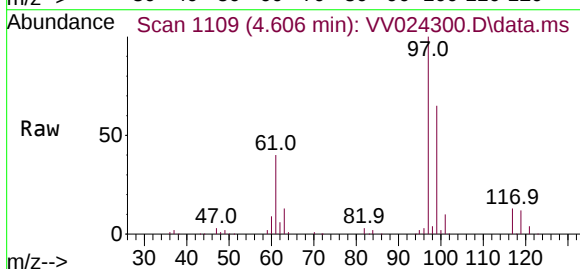
Tgt Ion: 97 Resp: 136862

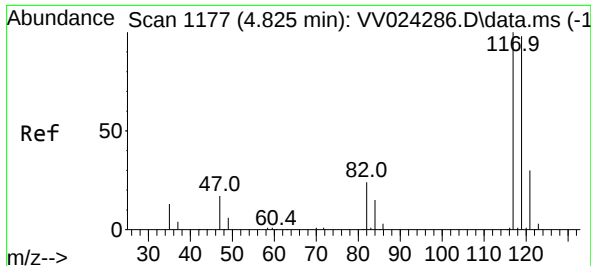
Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

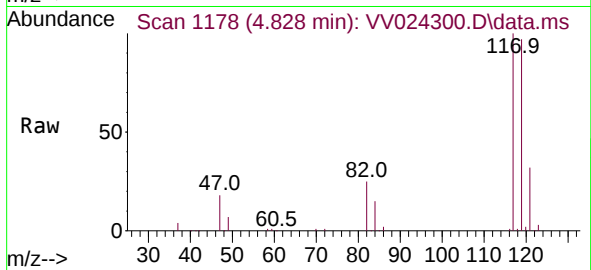
61 40.6 33.2 49.8



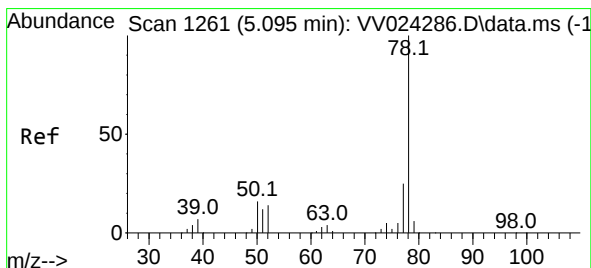
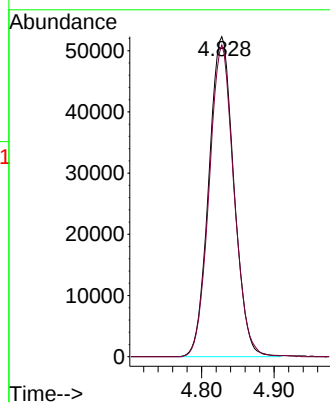
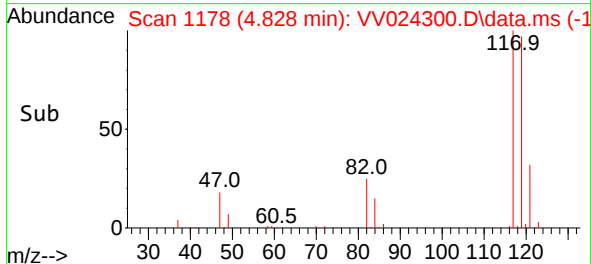


#31
Carbon tetrachloride
Concen: 47.233 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

Instrument :
MSVOA_V
ClientSampleId :

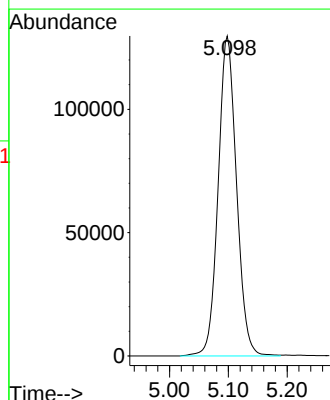
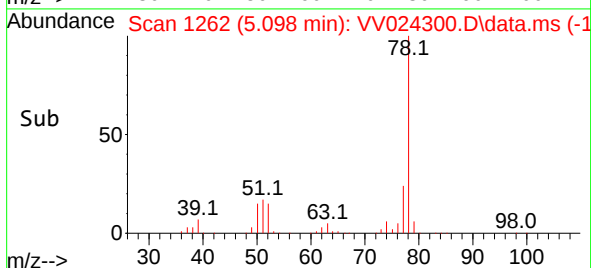
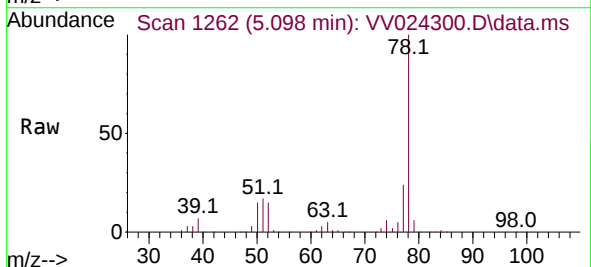


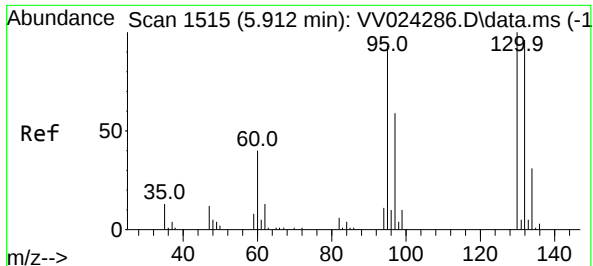
Tgt Ion:117 Resp: 125721
Ion Ratio Lower Upper
117 100
119 96.2 76.9 115.3



#33
Benzene
Concen: 47.475 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

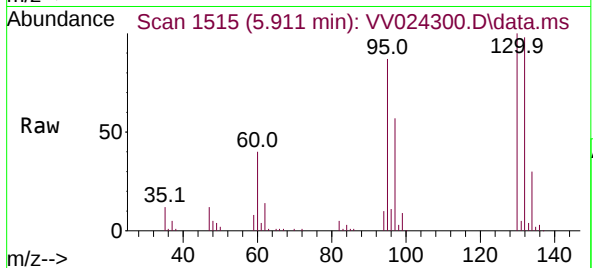
Tgt Ion: 78 Resp: 281487



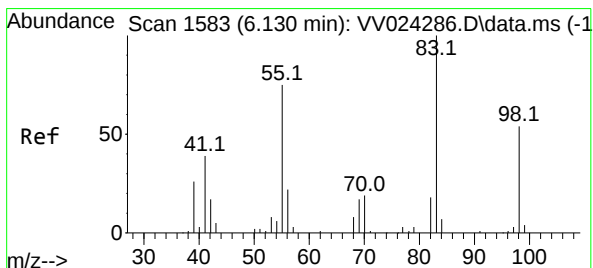
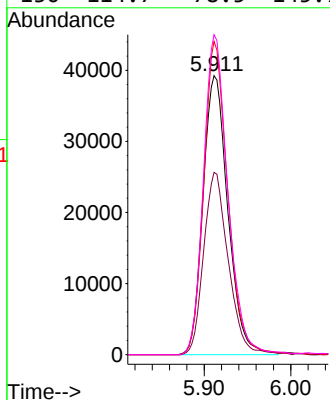
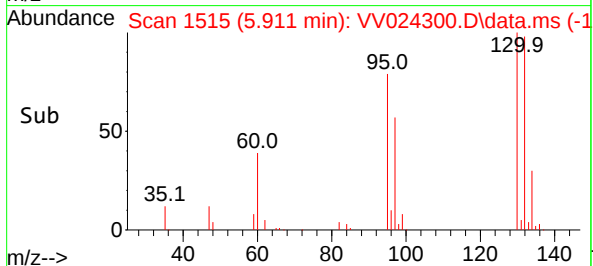


#34
Trichloroethene
Concen: 48.022 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

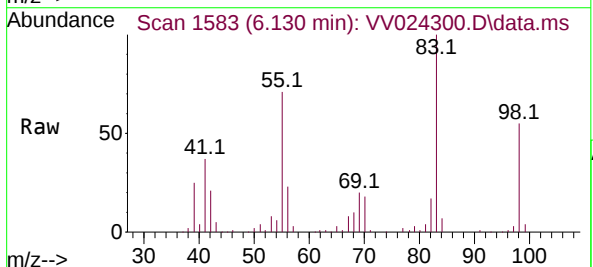
Instrument :
MSVOA_V
ClientSampleId :



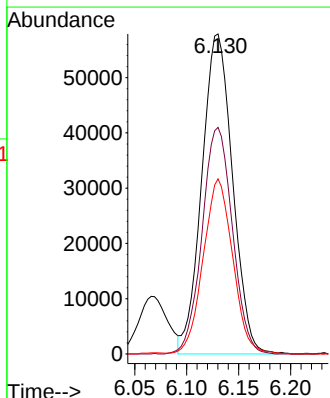
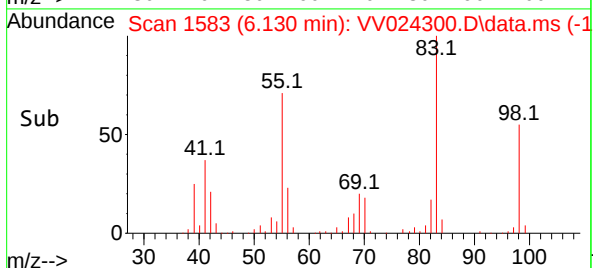
Tgt Ion: 95 Resp: 78517
Ion Ratio Lower Upper
95 100
97 65.3 44.1 81.9
132 112.2 75.1 139.5
130 114.7 78.5 145.7

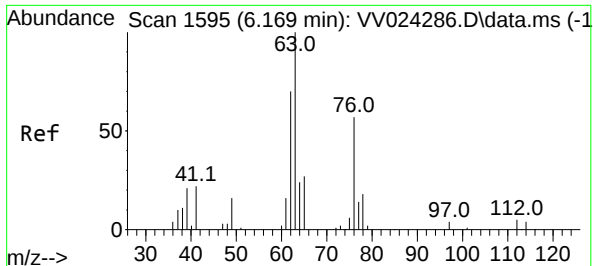


#35
Methylcyclohexane
Concen: 49.138 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27



Tgt Ion: 83 Resp: 119154
Ion Ratio Lower Upper
83 100
55 69.8 55.6 83.4
98 52.3 41.3 61.9





#37

1,2-Dichloropropane

Concen: 48.086 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

Instrument :

MSVOA_V

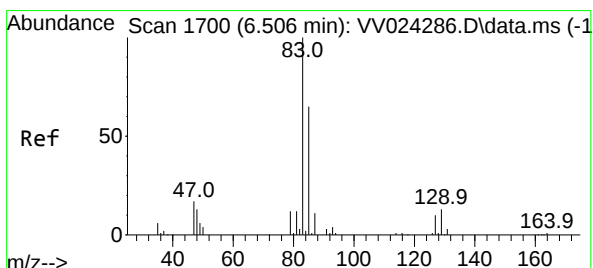
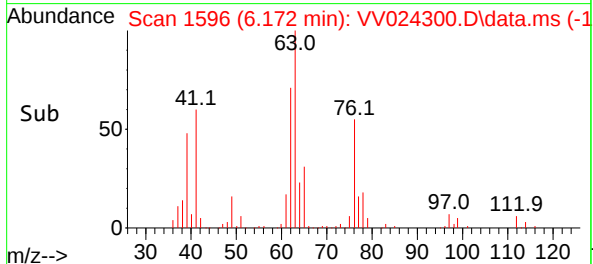
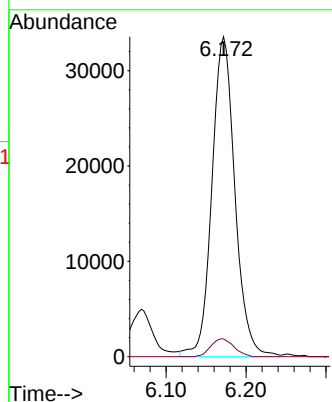
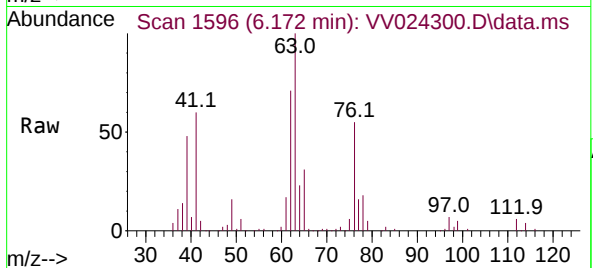
ClientSampleId :

Tgt Ion: 63 Resp: 67059

Ion Ratio Lower Upper

63 100

112 5.6 4.7 7.1



#38

Bromodichloromethane

Concen: 47.218 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

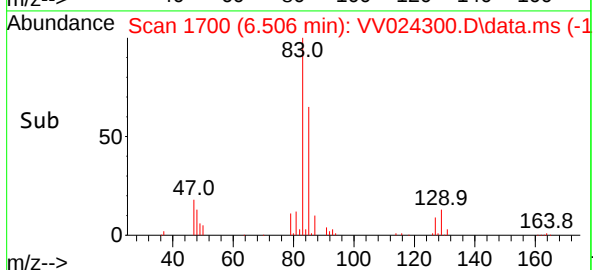
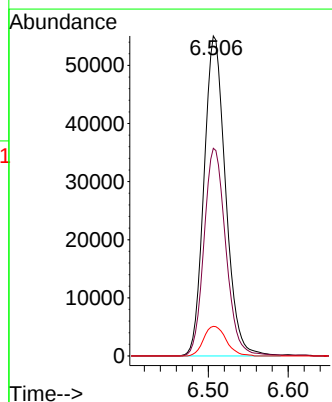
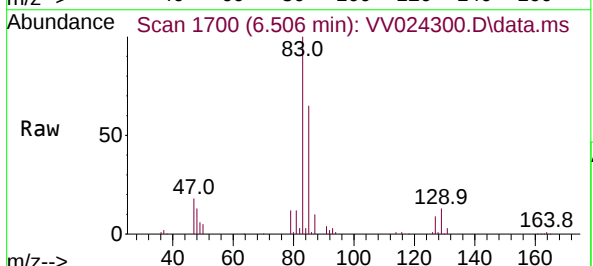
Tgt Ion: 83 Resp: 103332

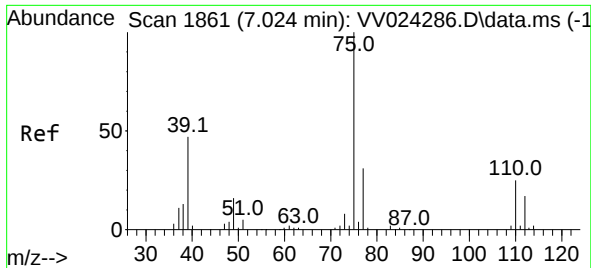
Ion Ratio Lower Upper

83 100

85 64.9 45.2 84.0

127 9.3 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 48.233 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

Instrument :

MSVOA_V

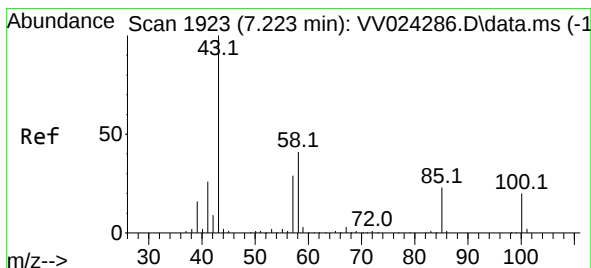
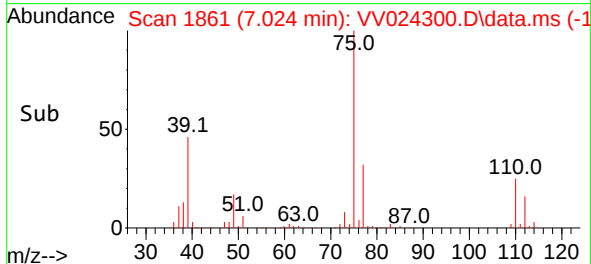
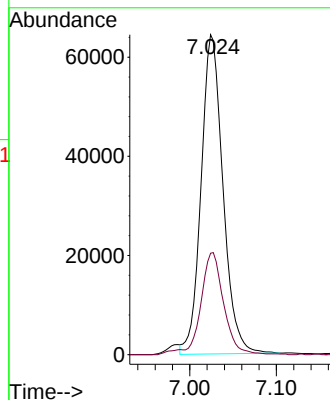
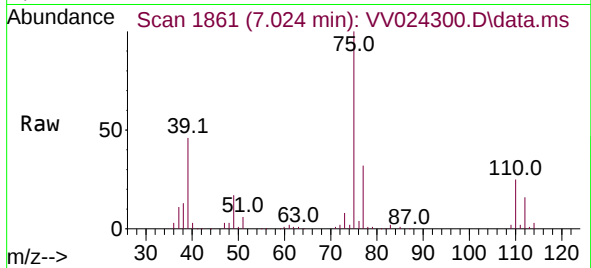
ClientSampleId :

Tgt Ion: 75 Resp: 113072

Ion Ratio Lower Upper

75 100

77 31.7 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 91.252 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

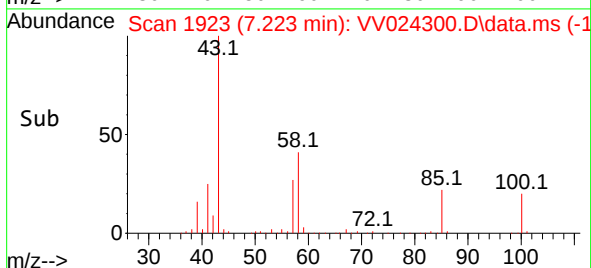
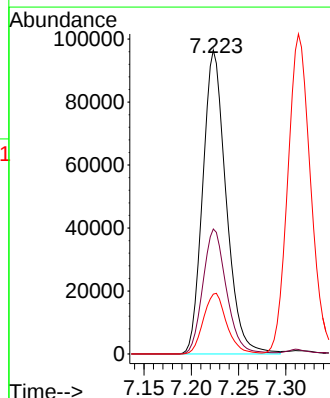
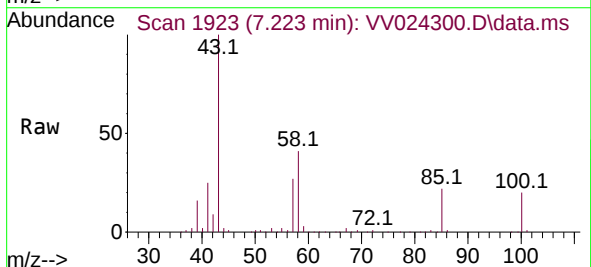
Tgt Ion: 43 Resp: 165944

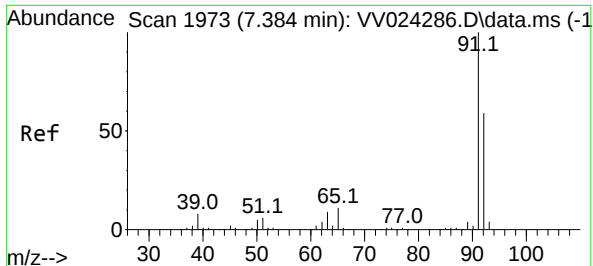
Ion Ratio Lower Upper

43 100

58 41.6 33.0 49.4

100 19.8 16.0 24.0

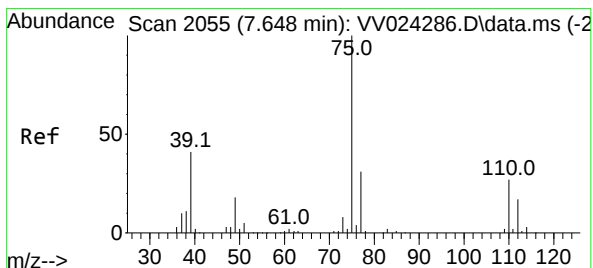
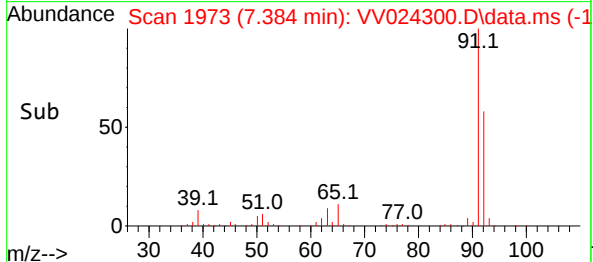
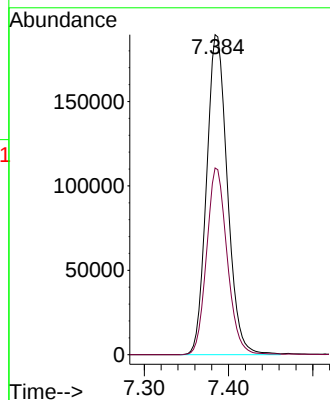
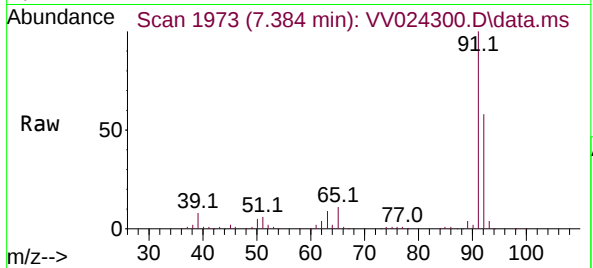




#42
Toluene
Concen: 48.947 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

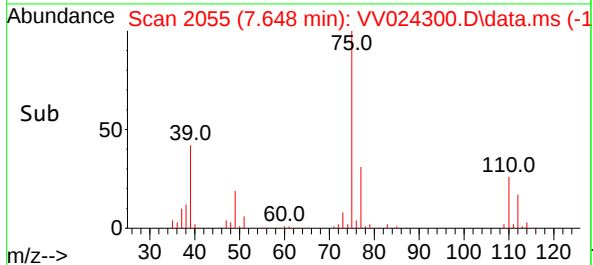
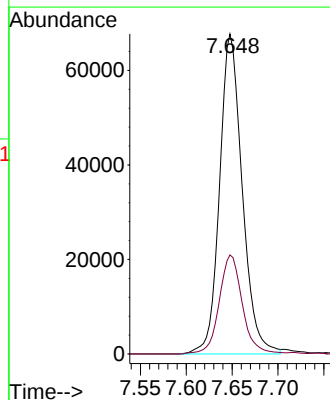
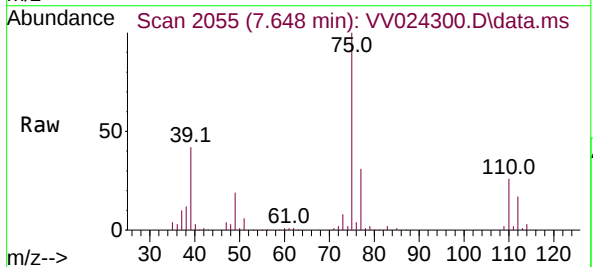
Instrument :
MSVOA_V
ClientSampleId :

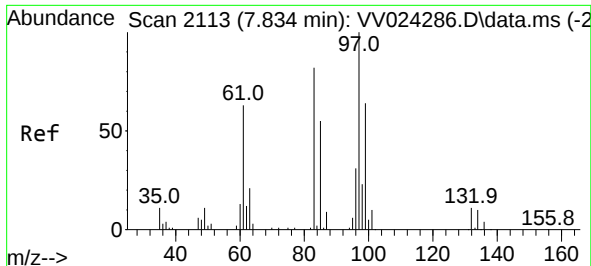
Tgt Ion: 91 Resp: 325775
Ion Ratio Lower Upper
91 100
92 58.4 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 48.915 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

Tgt Ion: 75 Resp: 116322
Ion Ratio Lower Upper
75 100
77 31.0 22.7 42.1

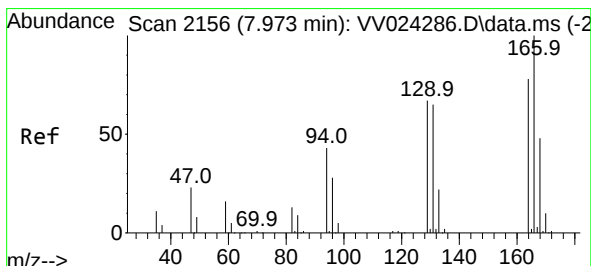
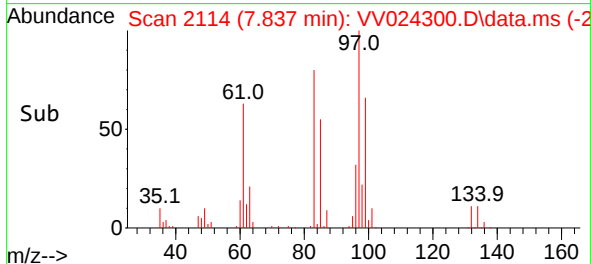
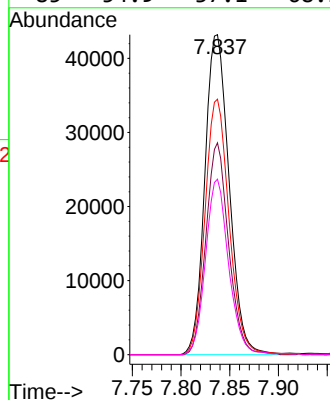
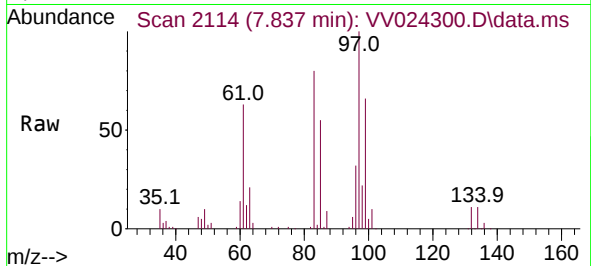




#45
1,1,2-Trichloroethane
Concen: 47.874 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

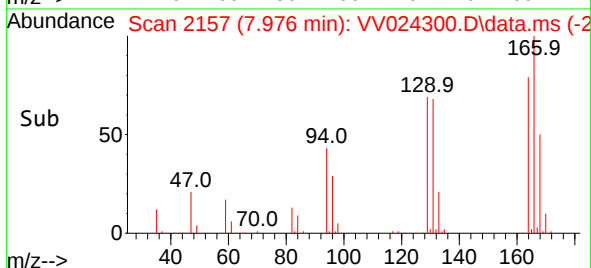
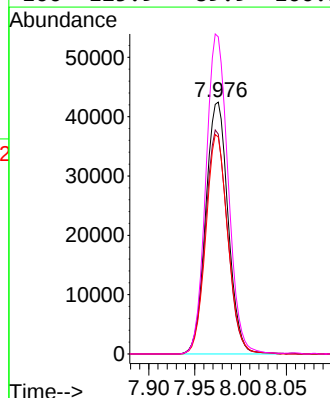
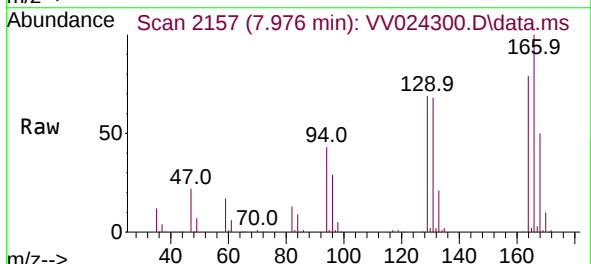
Instrument :
MSVOA_V
ClientSampleId :

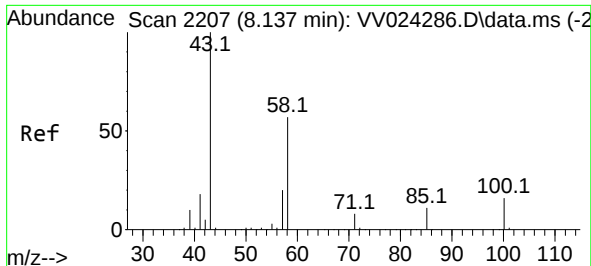
Tgt Ion: 97	Resp: 74847
Ion Ratio	Lower Upper
97 100	
99 66.2	42.4 78.8
83 79.9	57.9 107.5
85 54.9	37.1 68.9



#46
Tetrachloroethene
Concen: 48.463 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

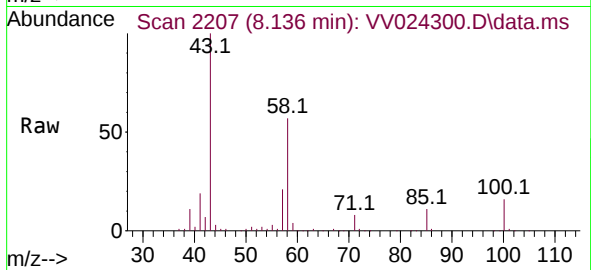
Tgt	Ion:164	Resp:	72122
Ion	Ratio	Lower	Upper
164	100		
129	87.3	61.5	114.1
131	86.1	62.2	115.4
166	125.9	89.9	166.9



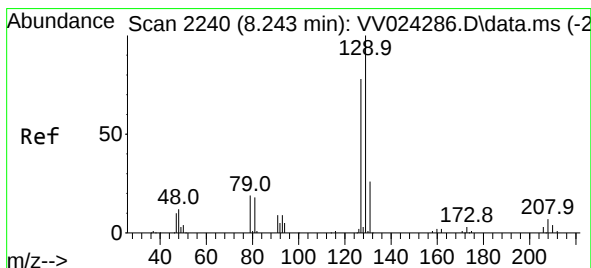
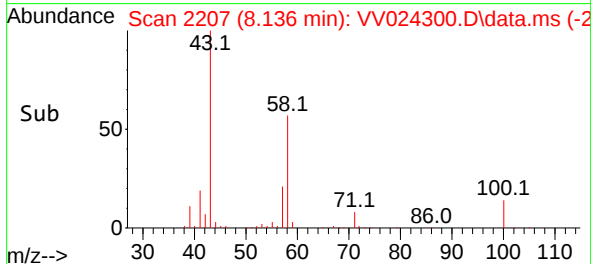
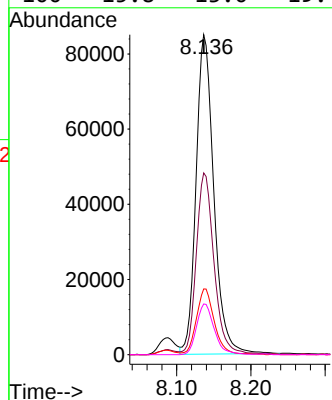


#48
2-Hexanone
Concen: 96.875 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

Instrument :
MSVOA_V
ClientSampleId :

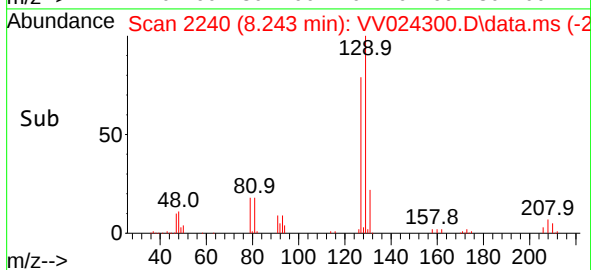
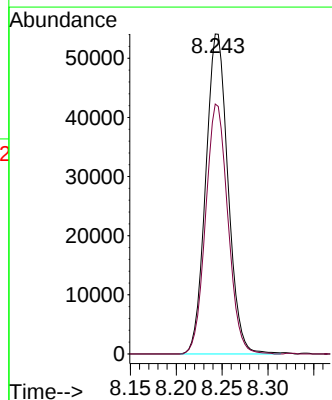
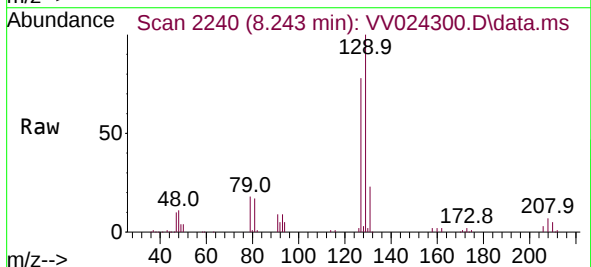


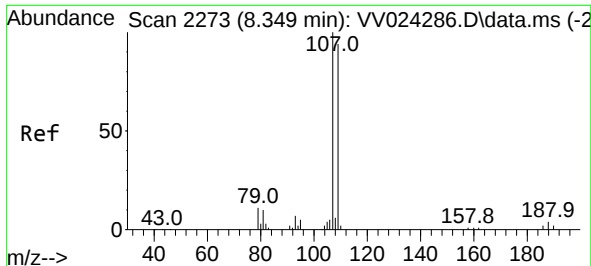
Tgt Ion: 43	Resp: 141498
Ion Ratio	Lower Upper
43 100	
58 56.3	45.0 67.4
57 20.0	16.9 25.3
100 15.8	13.0 19.4



#49
Dibromochloromethane
Concen: 46.663 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

Tgt Ion:129	Resp:	91445	
Ion	Ratio	Lower	Upper
129	100		
127	78.1	53.7	99.7





#50

1,2-Dibromoethane

Concen: 46.285 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024300.D

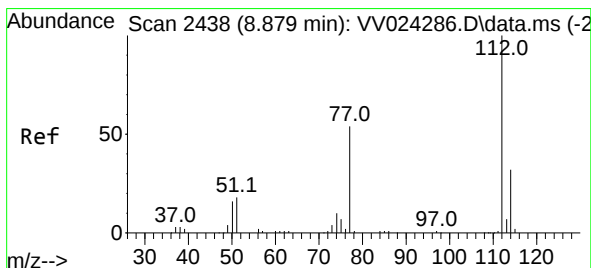
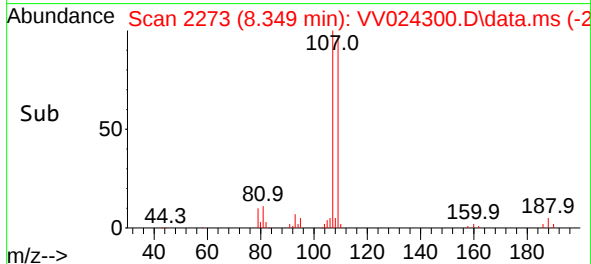
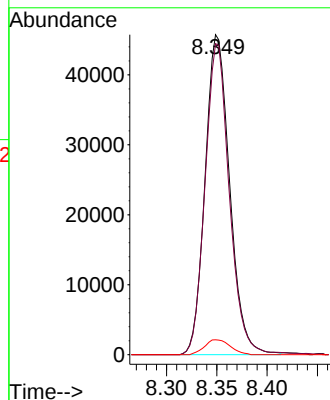
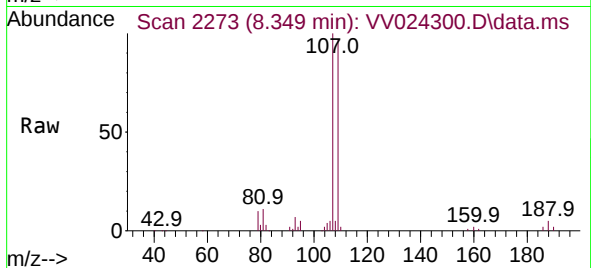
Acq: 06 Jan 2022 17:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	77723
Ion Ratio	Lower	Upper
107	100	
109	97.2	65.8 122.2
188	4.6	3.8 5.6



#51

Chlorobenzene

Concen: 48.122 ug/L

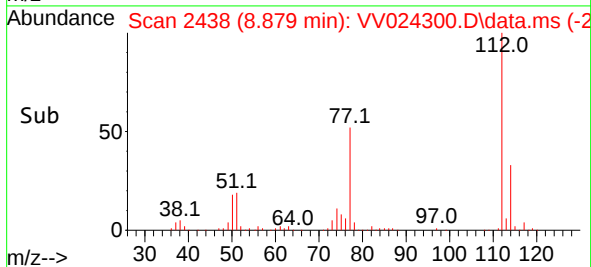
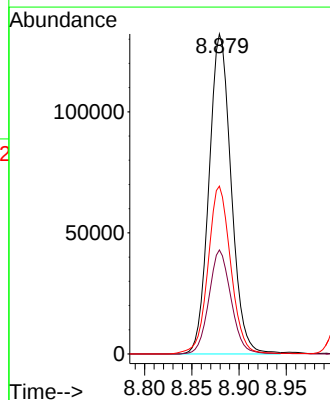
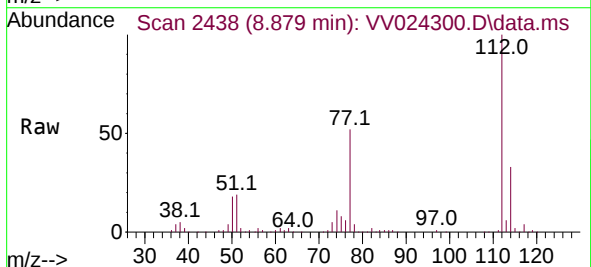
RT: 8.879 min Scan# 2438

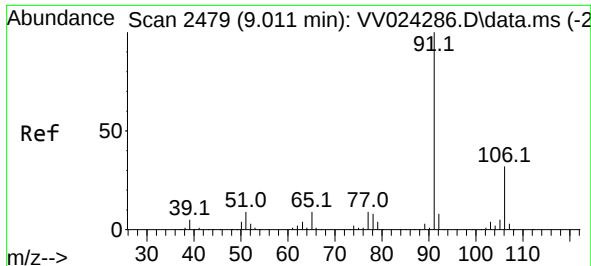
Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

Tgt Ion:112	Resp:	215722
Ion Ratio	Lower	Upper
112	100	
114	32.5	22.3 41.5
77	52.5	42.8 64.2





#52

Ethylbenzene

Concen: 49.030 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

Instrument :

MSVOA_V

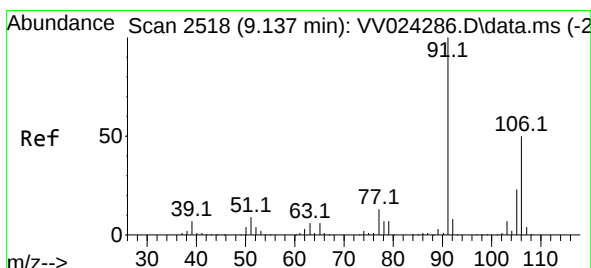
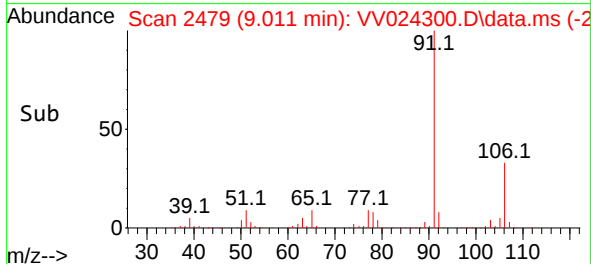
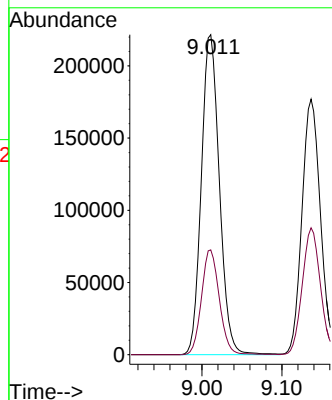
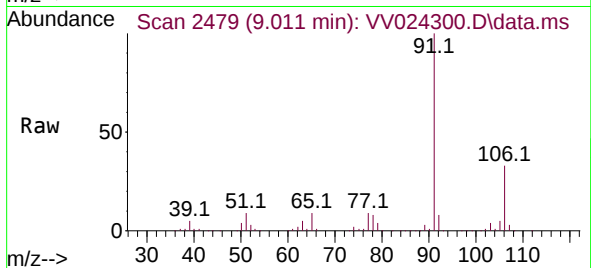
ClientSampleId :

Tgt Ion: 91 Resp: 348621

Ion Ratio Lower Upper

91 100

106 32.8 22.0 41.0



#53

m,p-Xylene

Concen: 48.742 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024300.D

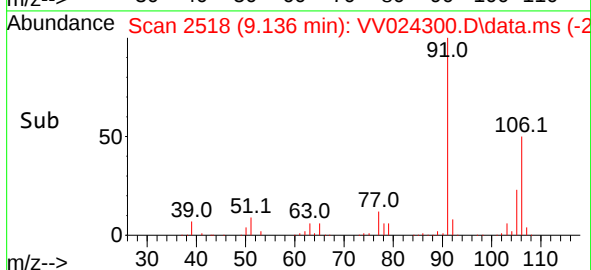
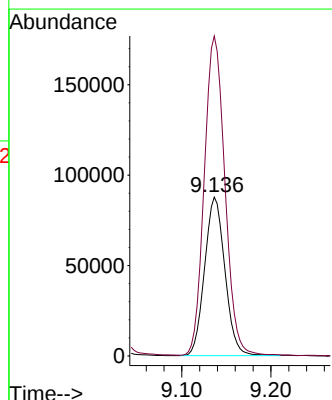
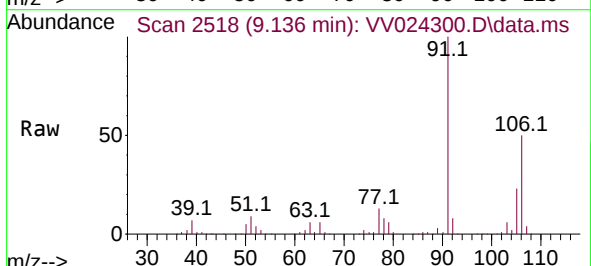
Acq: 06 Jan 2022 17:27

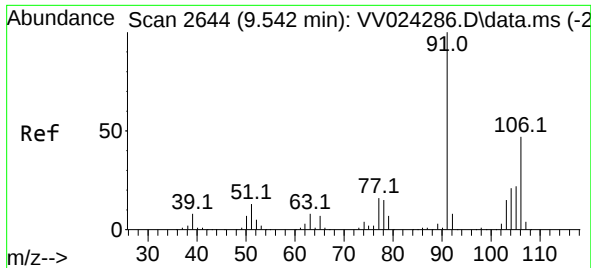
Tgt Ion:106 Resp: 138918

Ion Ratio Lower Upper

106 100

91 201.4 141.8 263.4

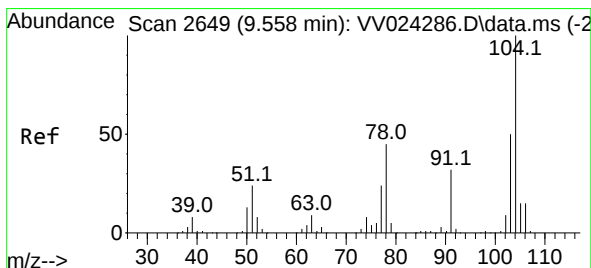
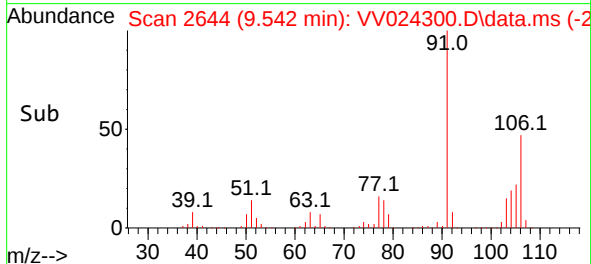
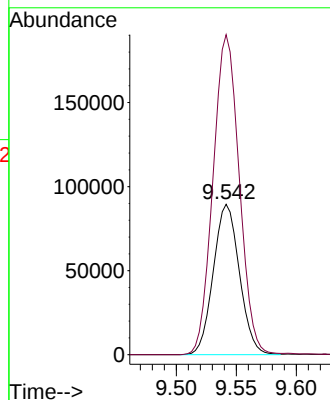
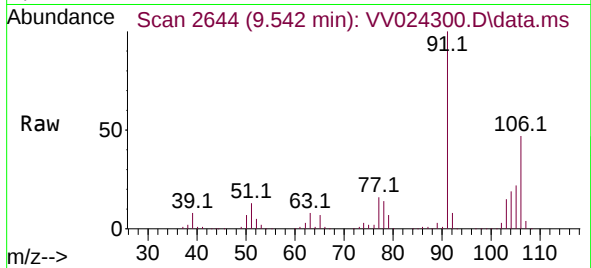




#54
o-Xylene
Concen: 49.745 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

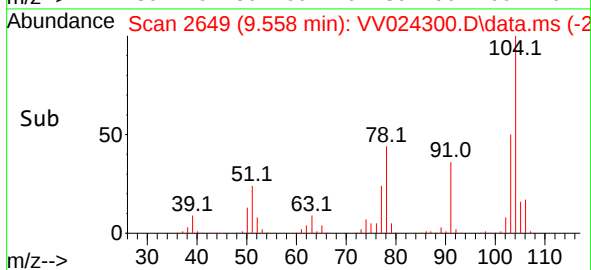
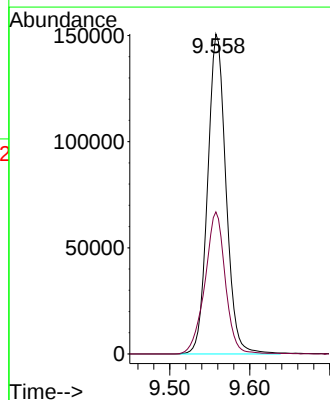
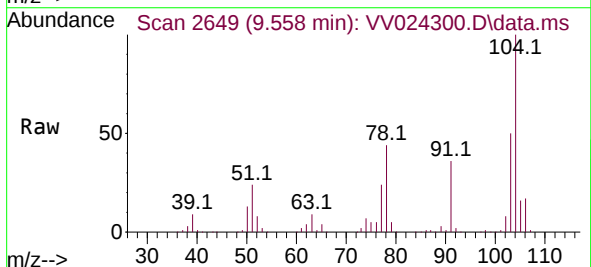
Instrument :
MSVOA_V
ClientSampleId :

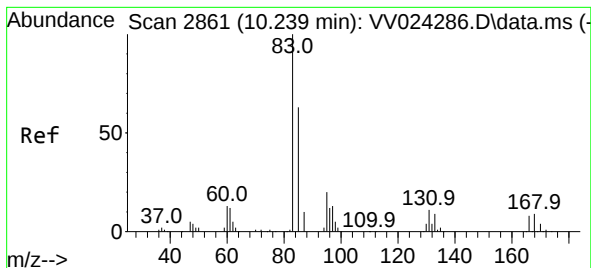
Tgt Ion:106 Resp: 135338
Ion Ratio Lower Upper
106 100
91 212.8 150.9 280.3



#55
Styrene
Concen: 50.844 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

Tgt Ion:104 Resp: 240218
Ion Ratio Lower Upper
104 100
78 44.4 31.5 58.5

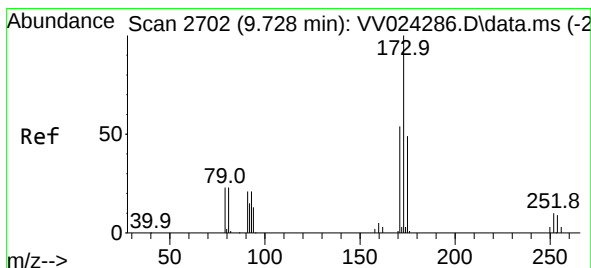
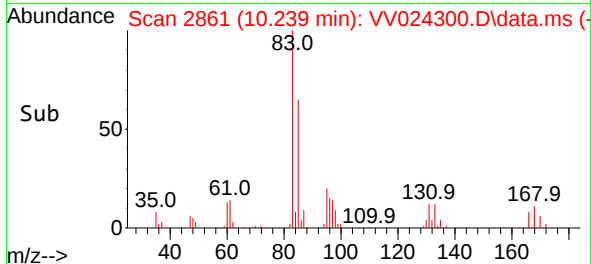
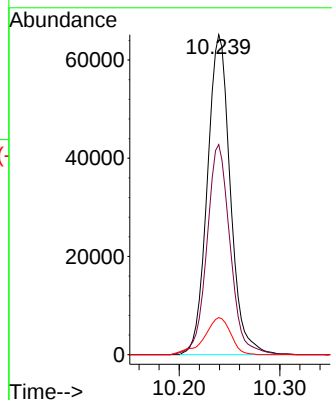
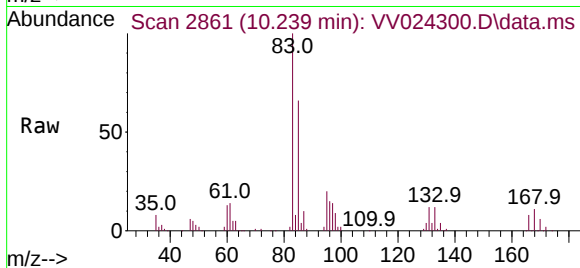




#57
1,1,2,2-Tetrachloroethane
Concen: 45.338 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

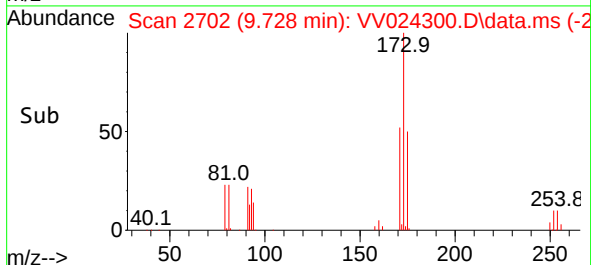
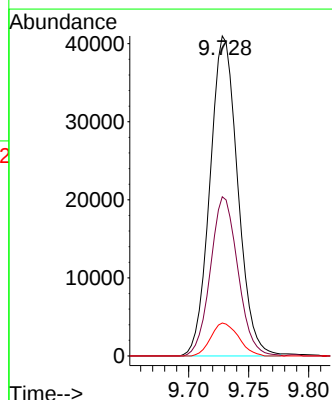
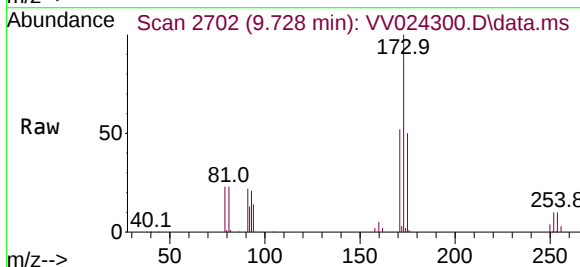
Instrument :
MSVOA_V
ClientSampleId :

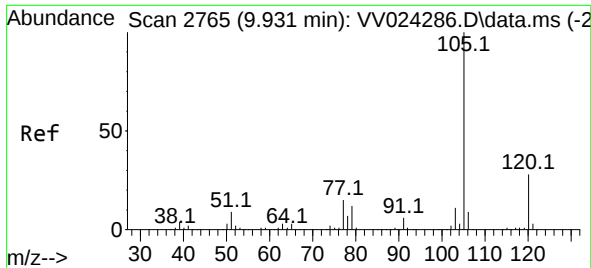
Tgt Ion: 83 Resp: 103501
Ion Ratio Lower Upper
83 100
85 65.7 44.5 82.7
131 11.6 9.2 13.8



#59
Bromoform
Concen: 42.949 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

Tgt Ion: 173 Resp: 66027
Ion Ratio Lower Upper
173 100
175 49.2 39.4 59.2
254 10.2 7.8 11.6

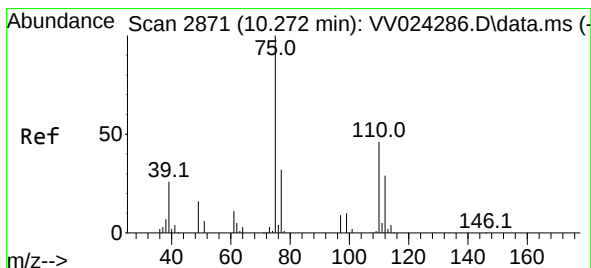
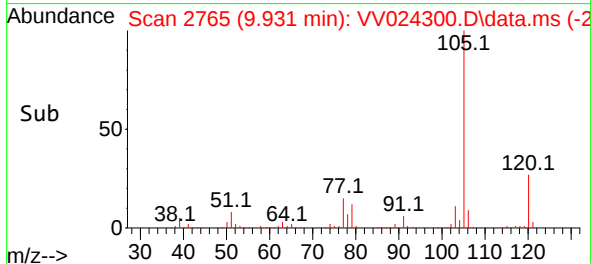
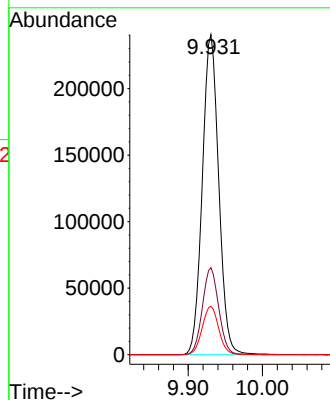
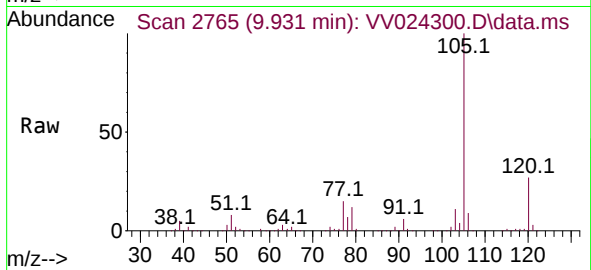




#60
Isopropylbenzene
Concen: 49.448 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

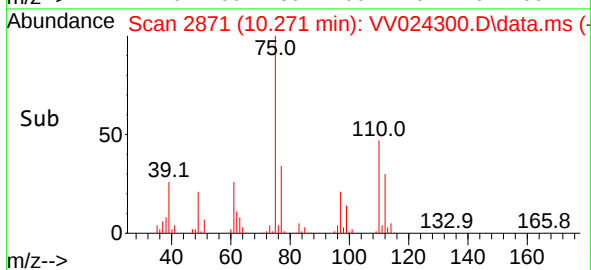
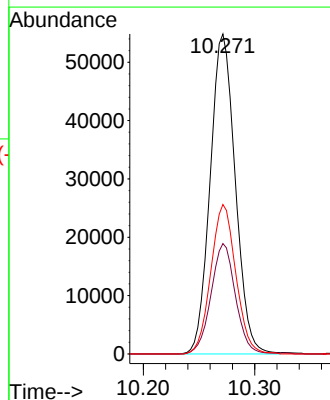
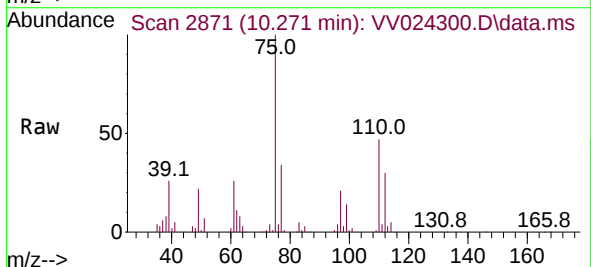
Instrument :
MSVOA_V
ClientSampleId :

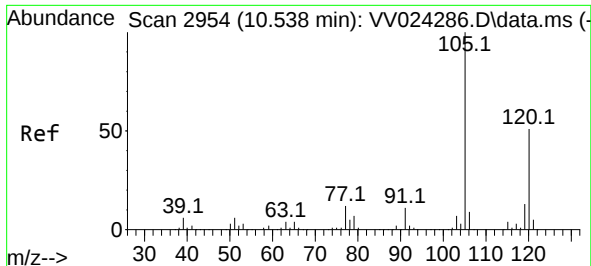
Tgt Ion:105 Resp: 368896
Ion Ratio Lower Upper
105 100
120 27.1 21.9 32.9
77 15.2 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 43.347 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

Tgt Ion: 75 Resp: 85814
Ion Ratio Lower Upper
75 100
77 33.5 26.9 40.3
110 46.6 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 49.803 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

Instrument :

MSVOA_V

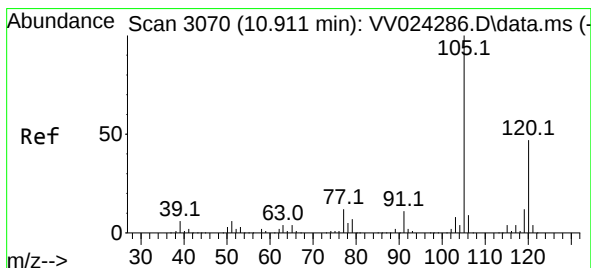
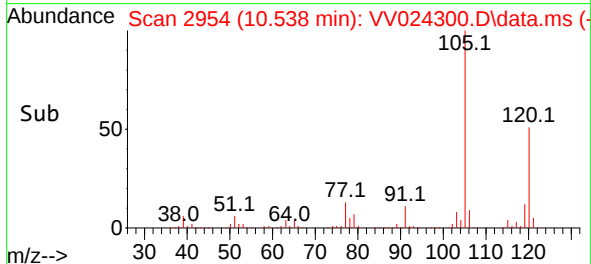
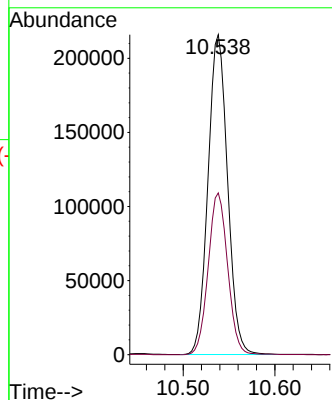
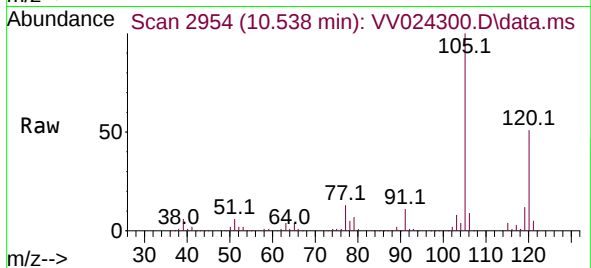
ClientSampleId :

Tgt Ion:105 Resp: 319598

Ion Ratio Lower Upper

105 100

120 50.3 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 50.538 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024300.D

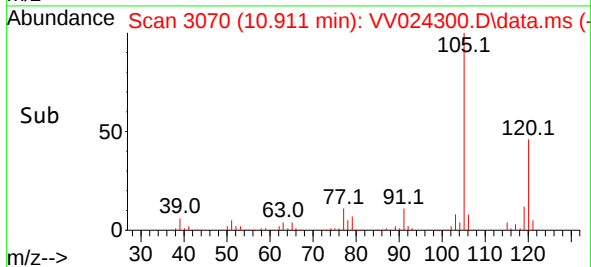
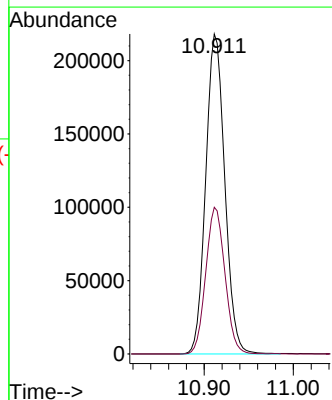
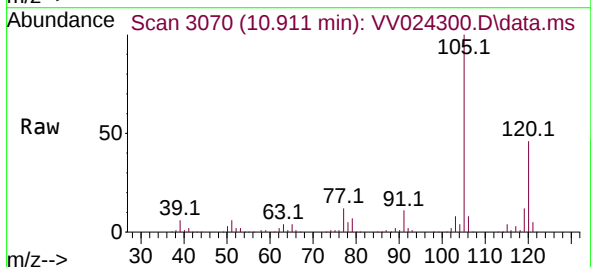
Acq: 06 Jan 2022 17:27

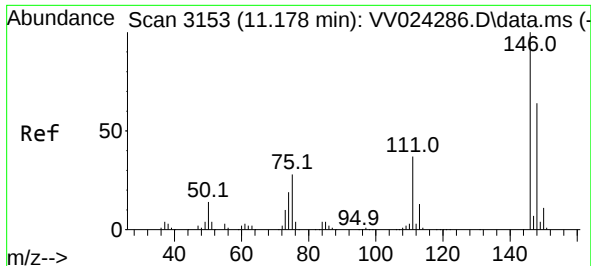
Tgt Ion:105 Resp: 323778

Ion Ratio Lower Upper

105 100

120 46.1 36.6 55.0

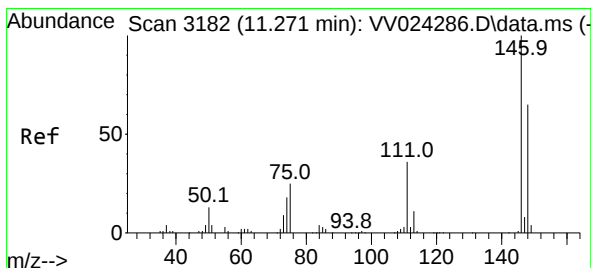
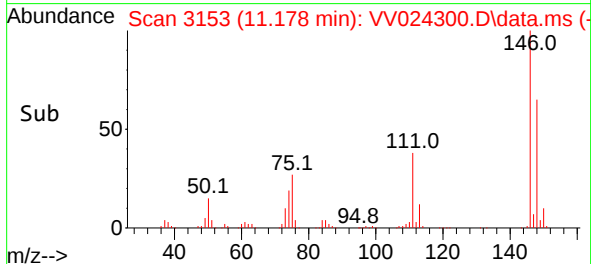
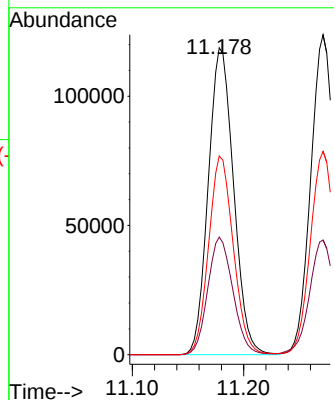
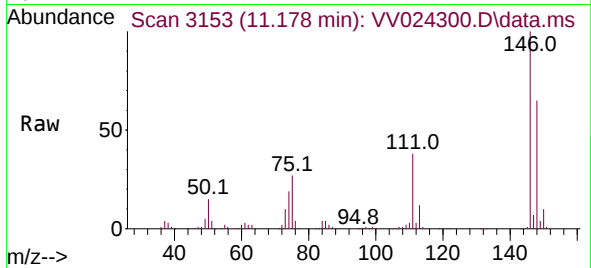




#64
1,3-Dichlorobenzene
Concen: 48.815 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

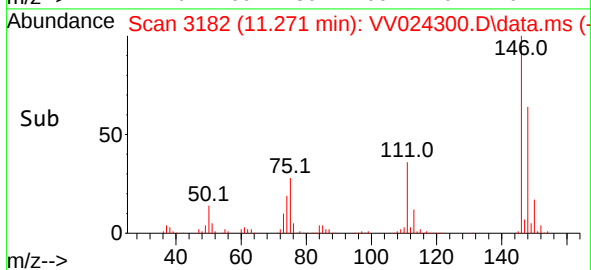
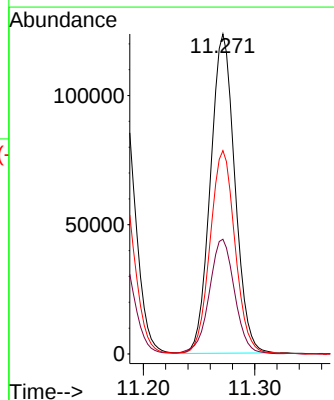
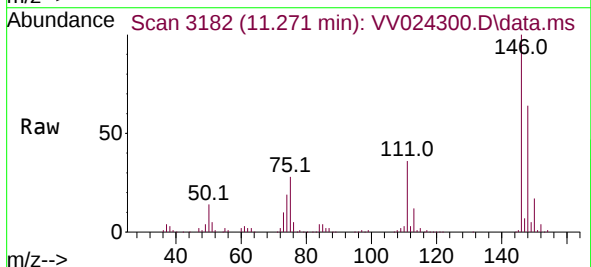
Instrument :
MSVOA_V
ClientSampleId :

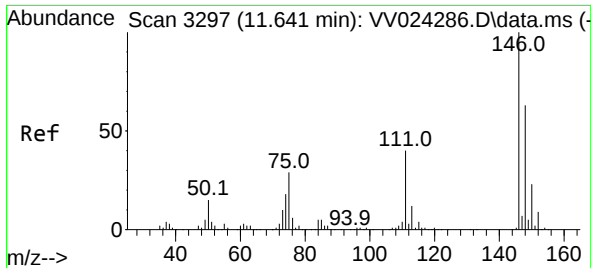
Tgt Ion:146 Resp: 187774
Ion Ratio Lower Upper
146 100
111 38.3 26.5 49.3
148 64.8 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 47.432 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

Tgt Ion:146 Resp: 188157
Ion Ratio Lower Upper
146 100
111 35.9 26.5 49.3
148 63.6 44.9 83.5

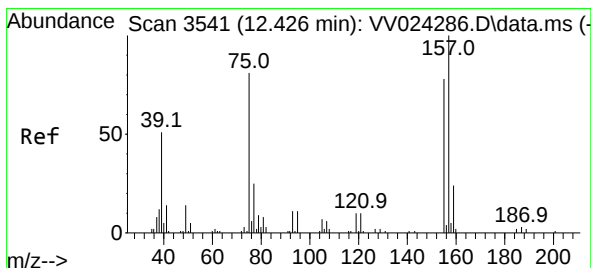
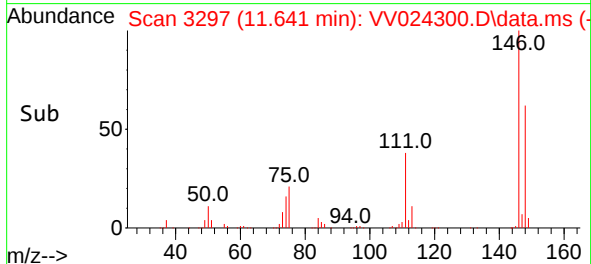
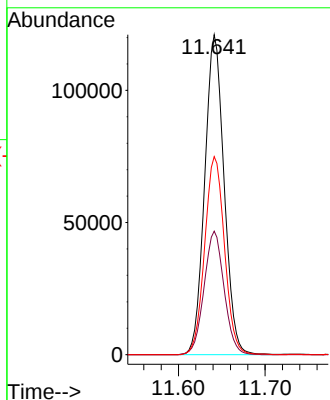
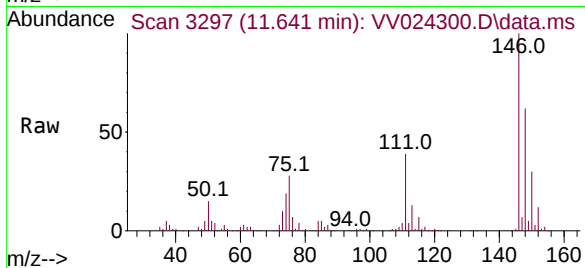




#67
1,2-Dichlorobenzene
Concen: 47.460 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

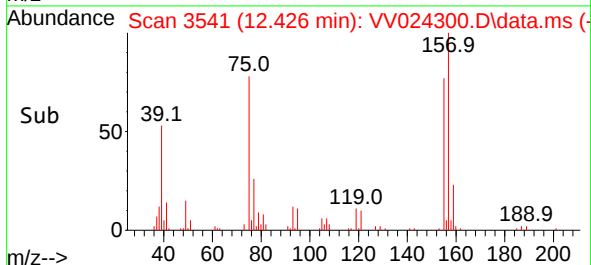
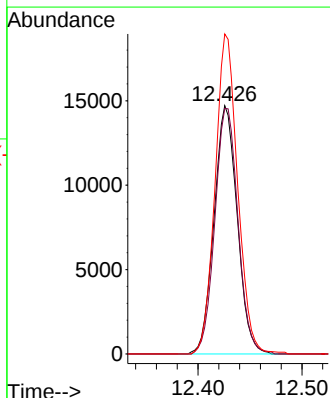
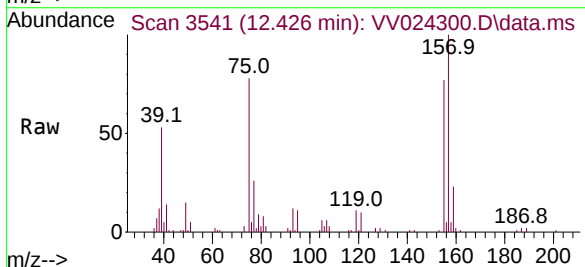
Instrument :
MSVOA_V
ClientSampleId :

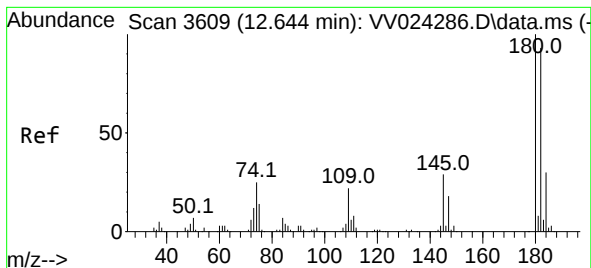
Tgt Ion:146 Resp: 188148
Ion Ratio Lower Upper
146 100
111 38.6 32.0 48.0
148 61.9 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 39.995 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024300.D
Acq: 06 Jan 2022 17:27

Tgt Ion: 75 Resp: 22804
Ion Ratio Lower Upper
75 100
155 98.9 73.2 109.8
157 128.9 98.5 147.7





#69

1,3,5-Trichlorobenzene

Concen: 48.724 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

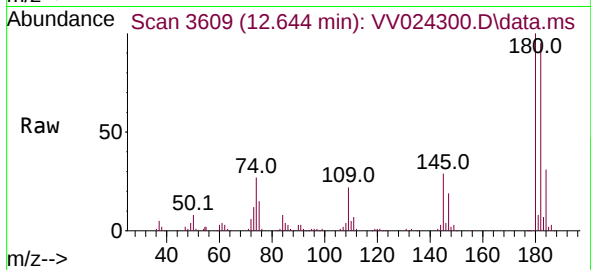
Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 144161

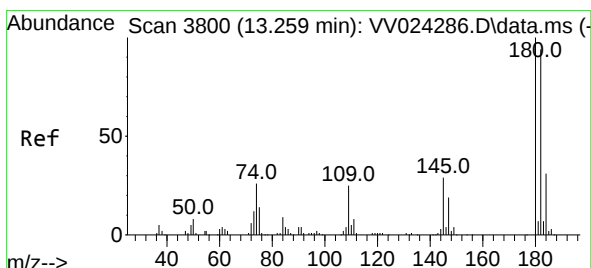
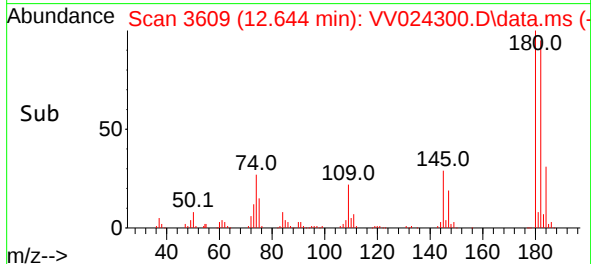
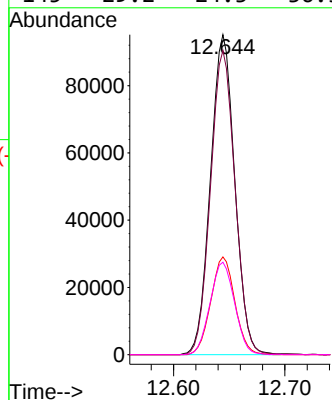
Ion Ratio Lower Upper

180 100

182 95.7 75.4 113.2

184 30.2 24.7 37.1

145 29.2 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 49.200 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

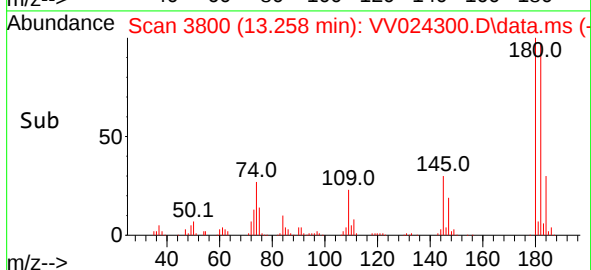
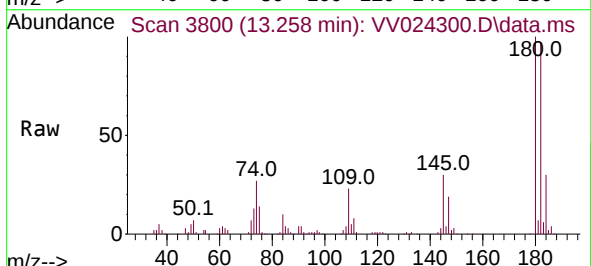
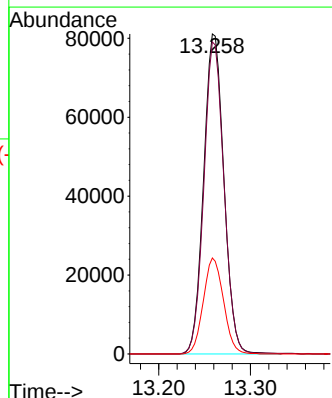
Tgt Ion:180 Resp: 124496

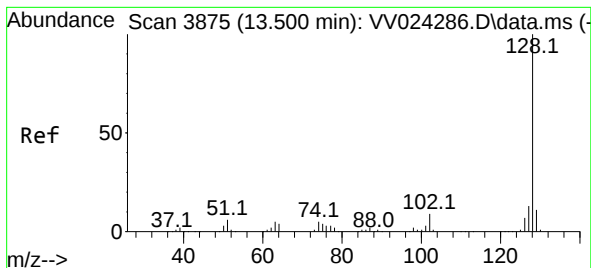
Ion Ratio Lower Upper

180 100

182 96.3 75.6 113.4

145 29.8 23.9 35.9





#71

Naphthalene

Concen: 47.121 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

Instrument :

MSVOA_V

ClientSampleId :

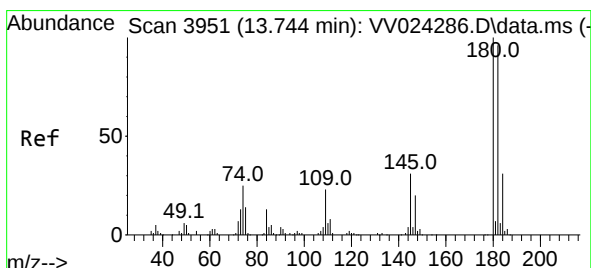
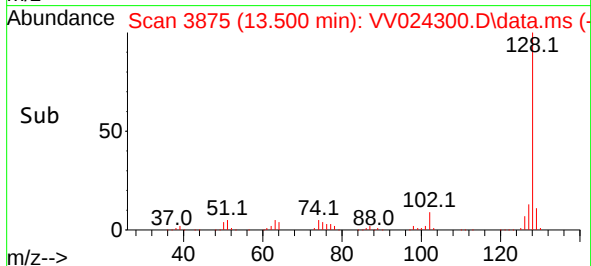
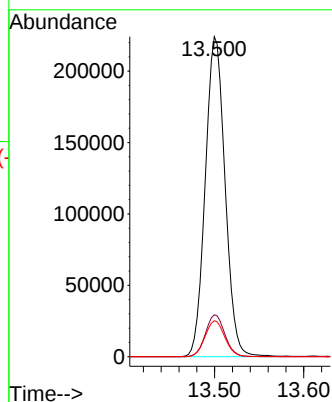
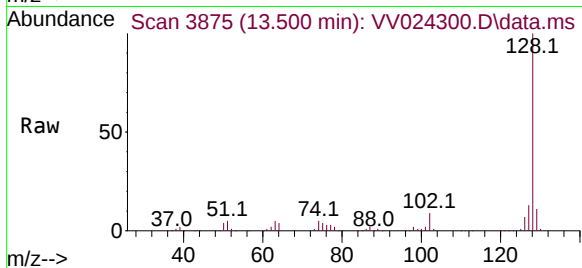
Tgt Ion:128 Resp: 344972

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.066 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV024300.D

Acq: 06 Jan 2022 17:27

Tgt Ion:180 Resp: 125705

Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

145 31.1 25.0 37.4

