

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011322\
 Data File : VW024344.D
 Acq On : 13 Jan 2022 10:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 13 14:05:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	234380	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	220087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	126952	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	81125	48.094	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.180%
7) Chloroethane-d5	1.568	69	63026	49.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.380%
11) 1,1-Dichloroethene-d2	2.111	63	158728	50.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.700%
21) 2-Butanone-d5	3.883	46	98327	104.626	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.630%
24) Chloroform-d	4.346	84	167966	54.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.960%
26) 1,2-Dichloroethane-d4	5.027	65	106513	51.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.200%
32) Benzene-d6	5.047	84	313146	54.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.040%
36) 1,2-Dichloropropane-d6	6.066	67	88386	54.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.820%
41) Toluene-d8	7.313	98	307546	55.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.620%
43) trans-1,3-Dichloroprop...	7.619	79	49330	53.223	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.440%
47) 2-Hexanone-d5	8.085	63	73285	104.797	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	122263	53.152	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.300%
66) 1,2-Dichlorobenzene-d4	11.622	152	131659	52.029	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	85194	45.055	ug/L	100
3) Chloromethane	1.243	50	74064	46.621	ug/L	99
5) Vinyl chloride	1.314	62	80775	48.054	ug/L	94
6) Bromomethane	1.523	94	53439	55.791	ug/L	98
8) Chloroethane	1.587	64	49737	47.938	ug/L	98
9) Trichlorofluoromethane	1.754	101	151042	49.990	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	79520	53.852	ug/L	99
12) 1,1-Dichloroethene	2.121	96	72236	50.598	ug/L	96
13) Acetone	2.179	43	108263	116.677	ug/L	100
14) Carbon disulfide	2.294	76	172727	41.669	ug/L	99
15) Methyl Acetate	2.433	43	68084	50.449	ug/L	100
16) Methylene chloride	2.507	84	78727	50.638	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	74954	50.950	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	243136	53.625	ug/L	99
19) 1,1-Dichloroethane	3.188	63	131518	53.899	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	83505	53.148	ug/L	98
22) 2-Butanone	3.966	43	109111	110.700	ug/L	94
23) Bromochloromethane	4.246	128	47226	52.166	ug/L	97
25) Chloroform	4.371	83	150996	52.927	ug/L	99

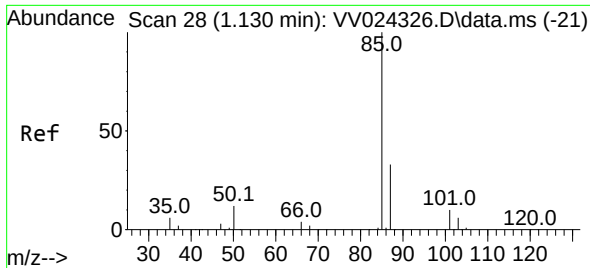
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011322\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	117426	50.605	ug/L	97
29) Cyclohexane	4.677	56	103260	52.486	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	145134	53.595	ug/L	99
31) Carbon tetrachloride	4.825	117	131858	52.486	ug/L	99
33) Benzene	5.095	78	303873	54.300	ug/L	100
34) Trichloroethene	5.912	95	84539	54.781	ug/L	98
35) Methylcyclohexane	6.130	83	122544	53.543	ug/L	97
37) 1,2-Dichloropropane	6.172	63	71432	54.268	ug/L	99
38) Bromodichloromethane	6.506	83	111909	54.179	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	119730	54.111	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	190986	111.270	ug/L	99
42) Toluene	7.384	91	344515	54.842	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	124711	55.562	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	80364	54.461	ug/L	98
46) Tetrachloroethene	7.973	164	75518	53.764	ug/L	98
48) 2-Hexanone	8.136	43	164539	119.351	ug/L	99
49) Dibromochloromethane	8.243	129	98633	53.325	ug/L	97
50) 1,2-Dibromoethane	8.349	107	85405	53.885	ug/L	95
51) Chlorobenzene	8.879	112	231453	54.702	ug/L	99
52) Ethylbenzene	9.008	91	370081	55.145	ug/L	99
53) m,p-Xylene	9.136	106	149220	55.471	ug/L	97
54) o-Xylene	9.542	106	143665	55.947	ug/L	99
55) Styrene	9.558	104	256150	57.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	113924	52.872	ug/L	97
59) Bromoform	9.728	173	71775	49.582	ug/L	98
60) Isopropylbenzene	9.931	105	390922	55.648	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	95384	51.167	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	336745	55.727	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	340739	56.482	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	202539	55.917	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	202133	54.113	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	200945	53.829	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	24997	46.558	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	152858	54.865	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	131155	55.044	ug/L	100
71) Naphthalene	13.500	128	360050	52.229	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	131506	53.401	ug/L	99

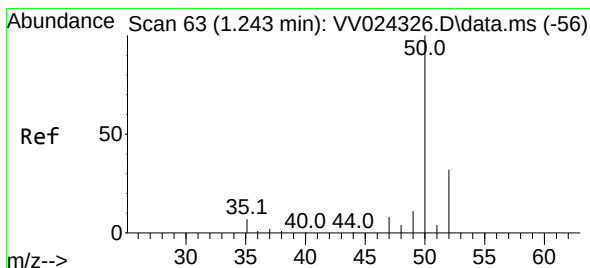
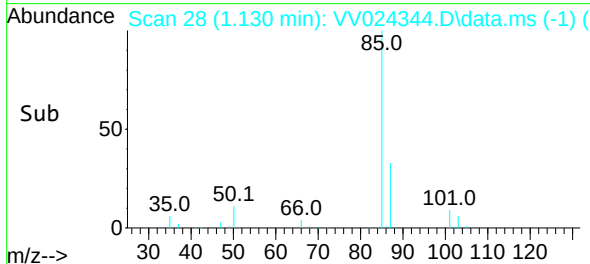
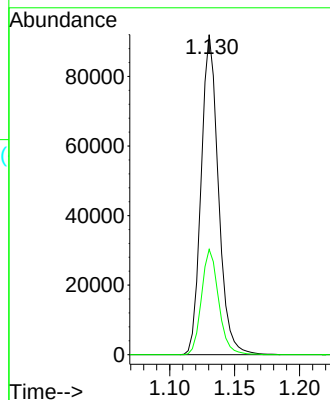
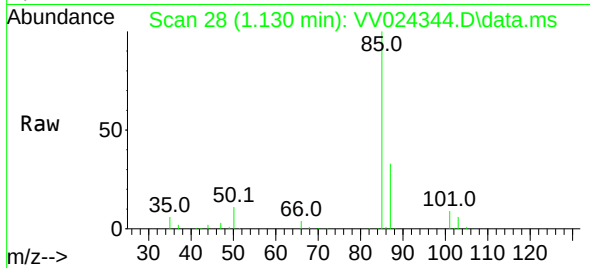
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#2
 Dichlorodifluoromethane
 Concen: 45.055 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024344.D
 Acq: 13 Jan 2022 10:40

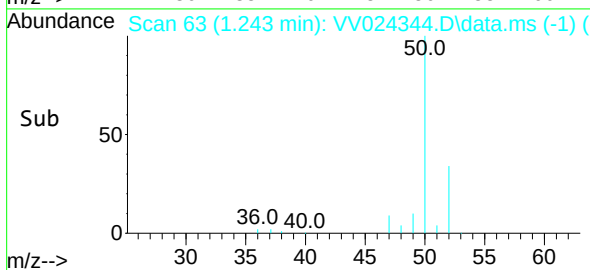
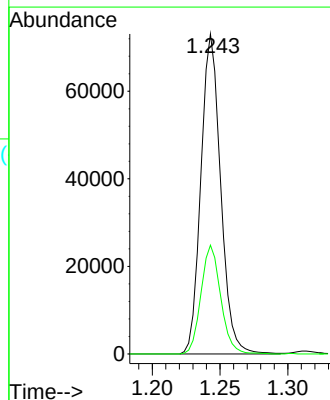
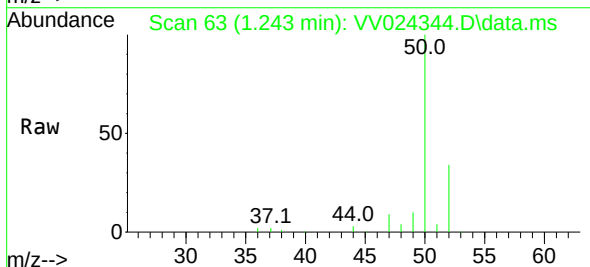
Instrument :
 MSVOA_V
 ClientSampleId :

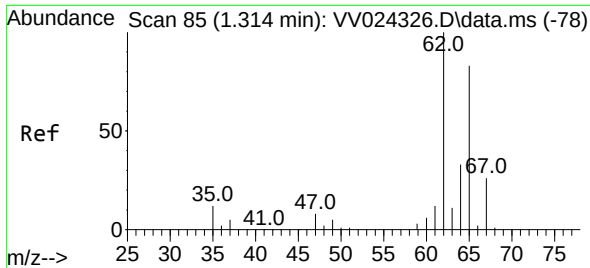
Tgt Ion: 85 Resp: 85194
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 46.621 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024344.D
 Acq: 13 Jan 2022 10:40

Tgt Ion: 50 Resp: 74064
 Ion Ratio Lower Upper
 50 100
 52 34.0 24.1 44.7

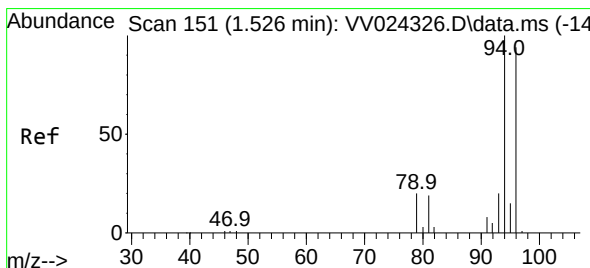
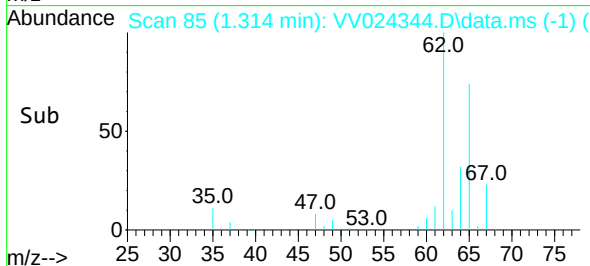
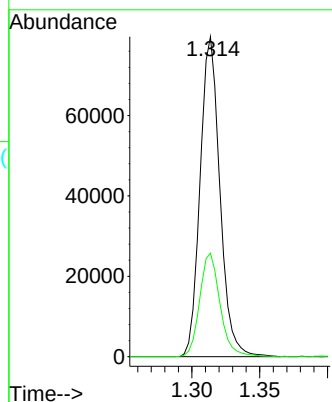
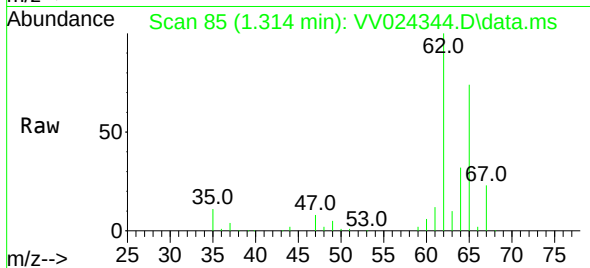




#5
 Vinyl chloride
 Concen: 48.054 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024344.D
 Acq: 13 Jan 2022 10:40

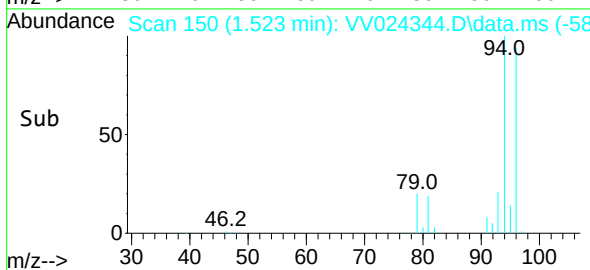
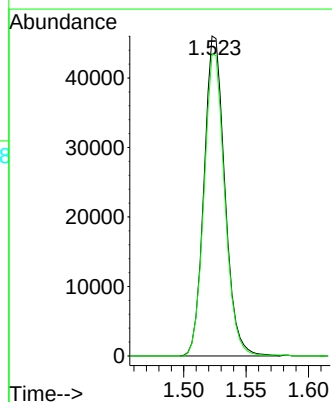
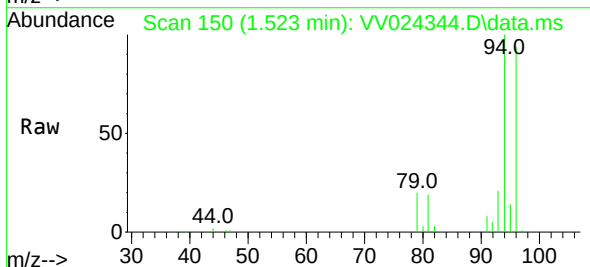
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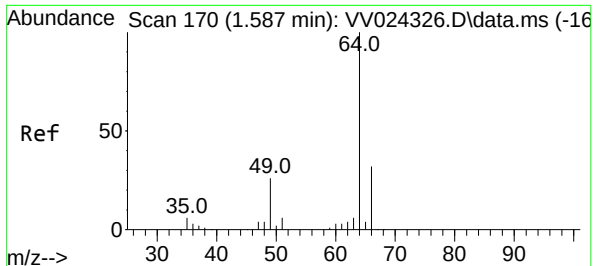
Tgt Ion: 62 Resp: 80775
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.0 46.4



#6
 Bromomethane
 Concen: 55.791 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024344.D
 Acq: 13 Jan 2022 10:40

Tgt Ion: 94 Resp: 53439
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.0 120.6

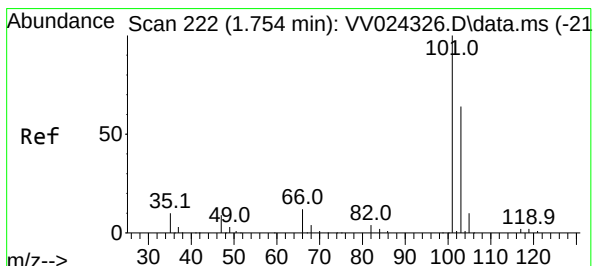
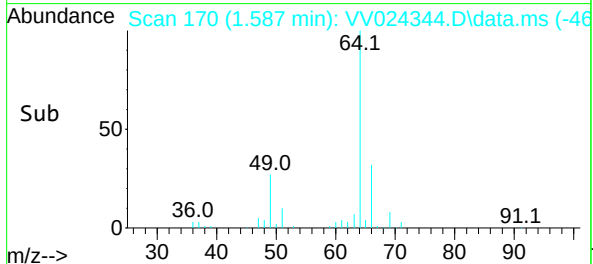
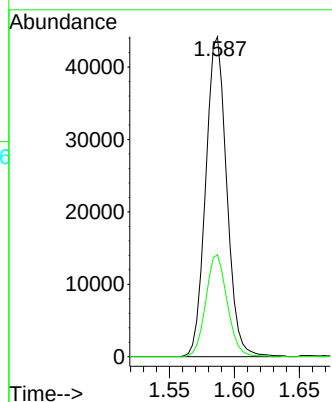
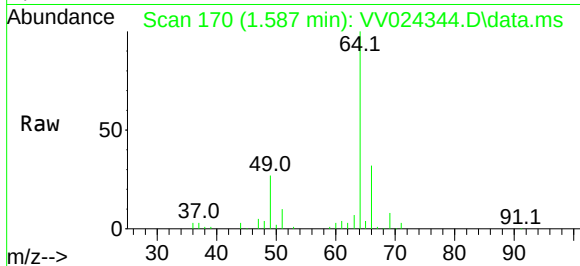




#8
Chloroethane
Concen: 47.938 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

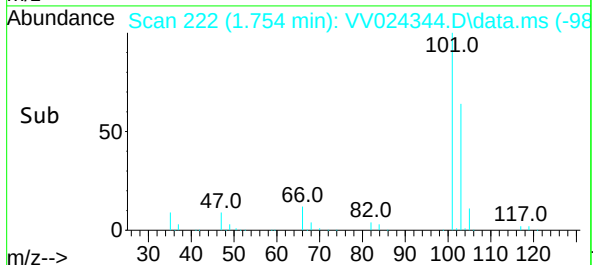
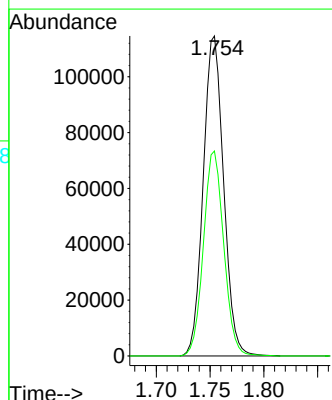
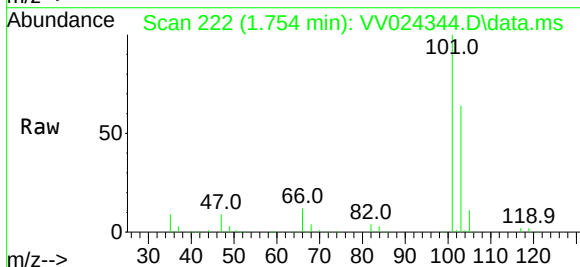
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MSVOA_V
ClientSampleId :

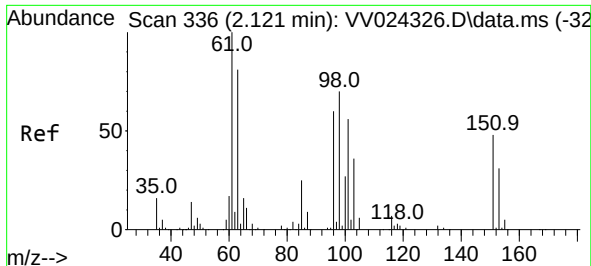
Tgt Ion: 64 Resp: 49737
Ion Ratio Lower Upper
64 100
66 31.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 49.990 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Tgt Ion:101 Resp: 151042
Ion Ratio Lower Upper
101 100
103 63.9 52.0 78.0





#10

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

Concen: 53.852 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

Instrument :

MSVOA_V

ClientSampleId :

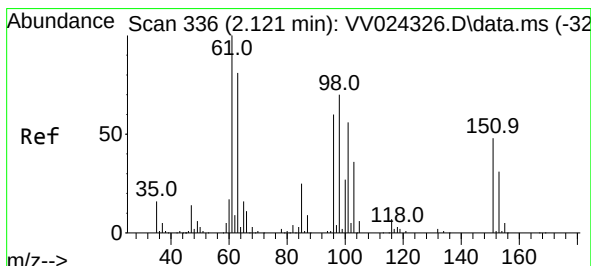
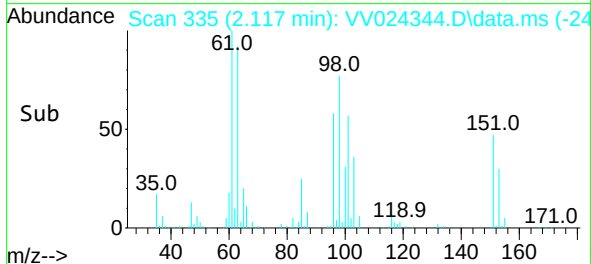
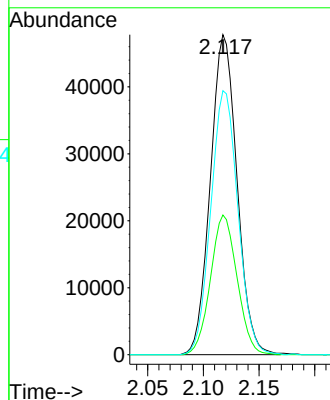
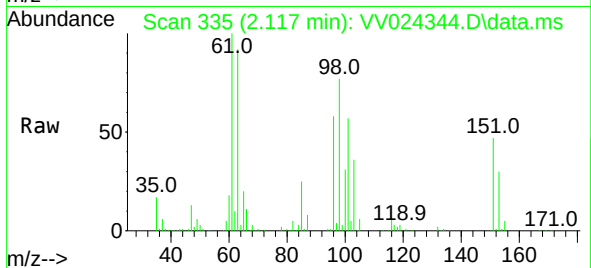
Tgt Ion:101 Resp: 79520

Ion Ratio Lower Upper

101 100

85 43.6 35.3 52.9

151 84.3 67.1 100.7



#12

1,1-Dichloroethene

Concen: 50.598 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

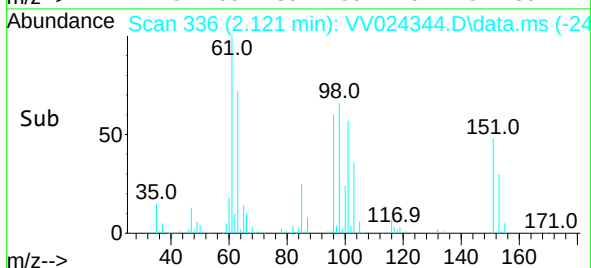
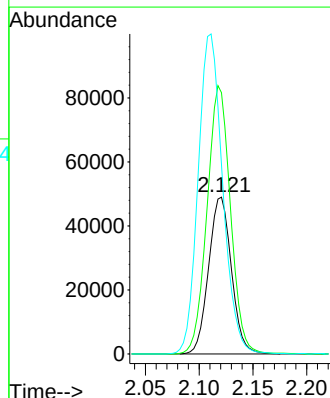
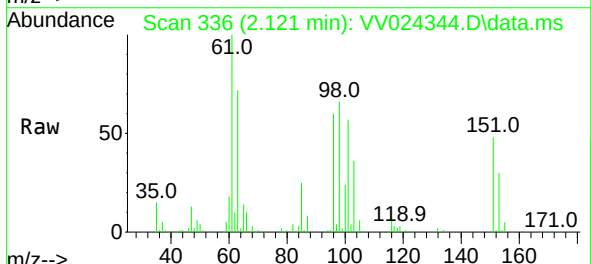
Tgt Ion: 96 Resp: 72236

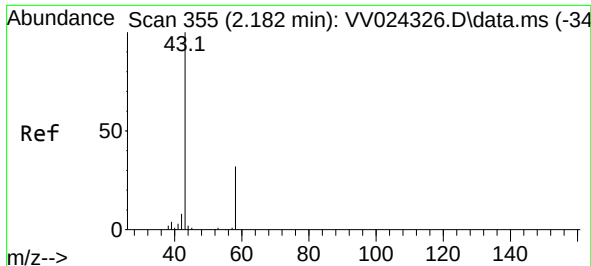
Ion Ratio Lower Upper

96 100

61 166.7 111.9 207.9

63 120.9 82.7 153.5





#13

Acetone

Concen: 116.677 ug/L

RT: 2.179 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

Instrument :

MSVOA_V

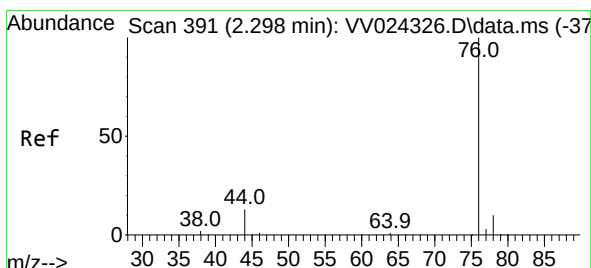
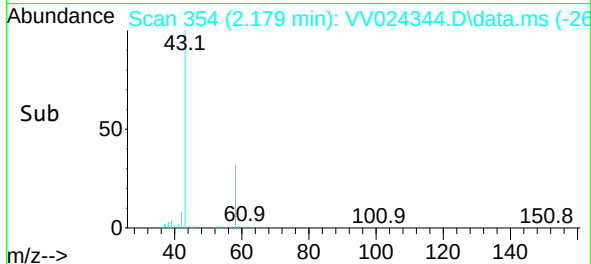
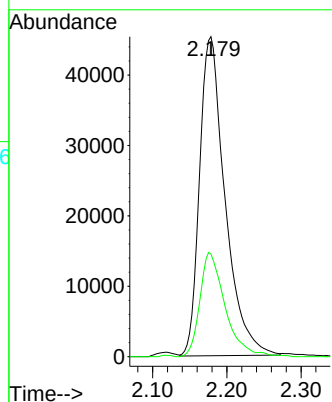
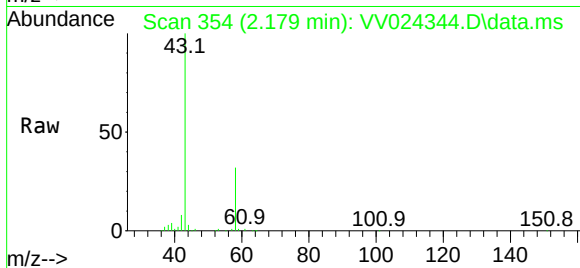
ClientSampleId :

Tgt Ion: 43 Resp: 108263

Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.0



#14

Carbon disulfide

Concen: 41.669 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV024344.D

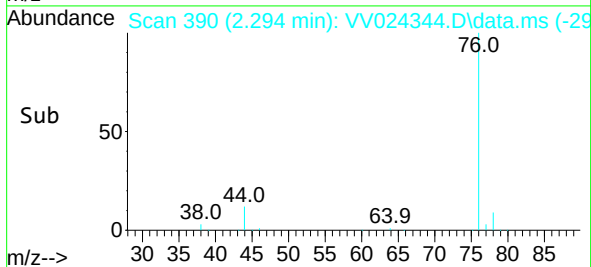
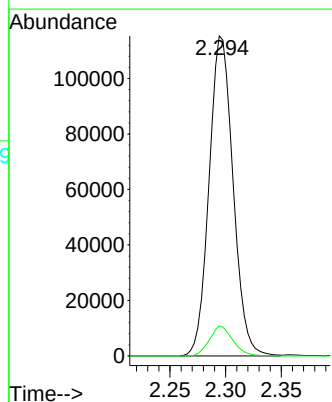
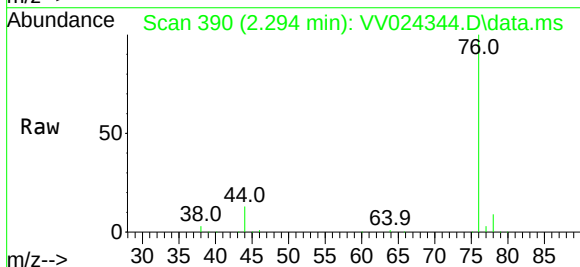
Acq: 13 Jan 2022 10:40

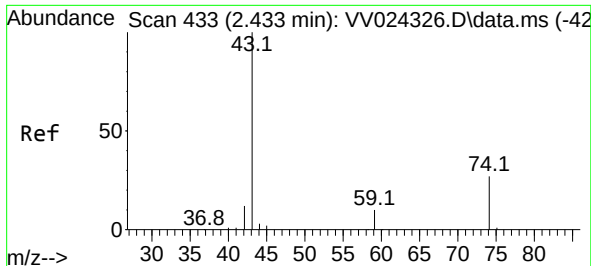
Tgt Ion: 76 Resp: 172727

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

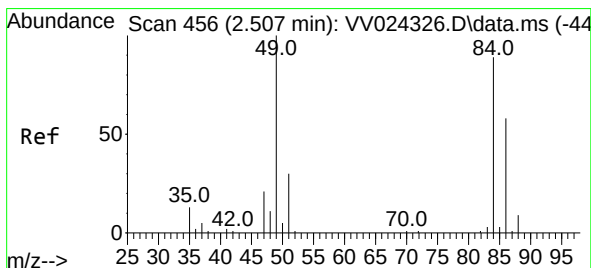
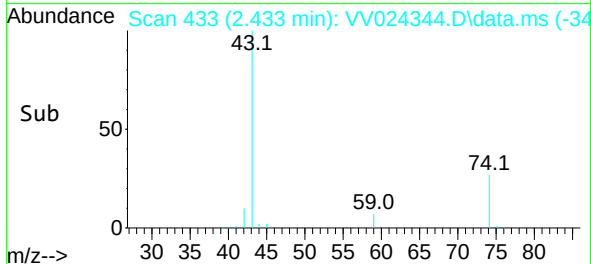
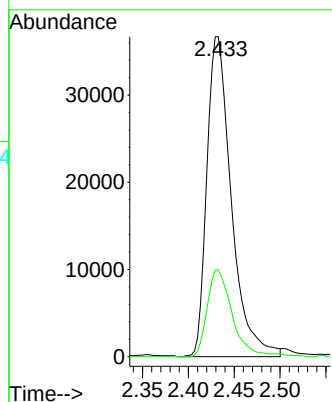
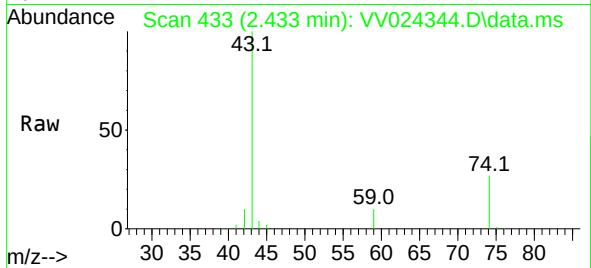




#15
Methyl Acetate
Concen: 50.449 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

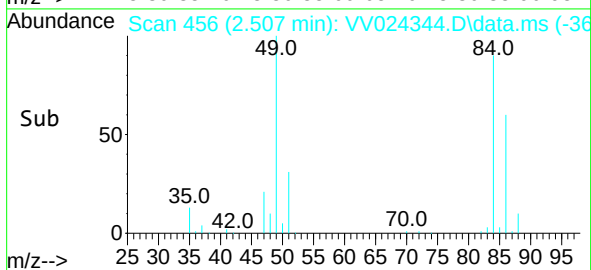
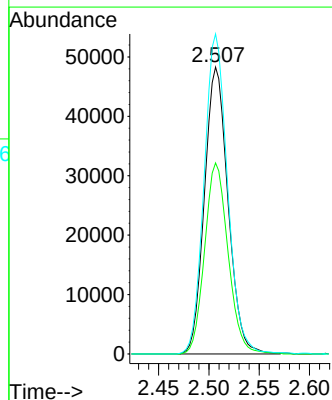
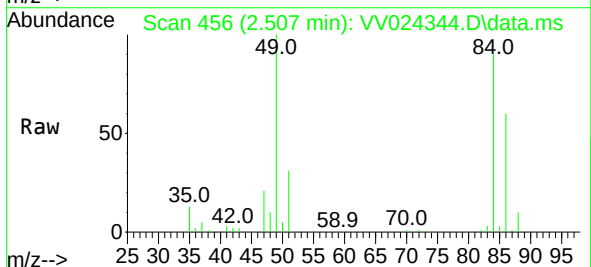
Instrument :
MSVOA_V
ClientSampleId :

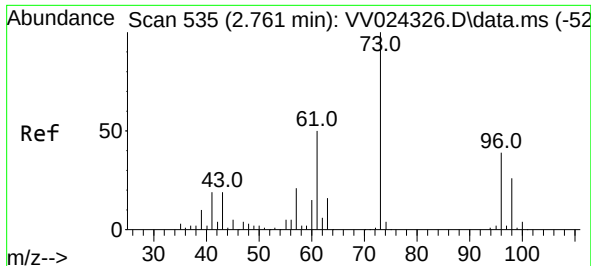
Tgt Ion: 43 Resp: 68084
Ion Ratio Lower Upper
43 100
74 27.3 21.8 32.8



#16
Methylene chloride
Concen: 50.638 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Tgt Ion: 84 Resp: 78727
Ion Ratio Lower Upper
84 100
86 66.6 46.8 86.8
49 111.5 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 50.950 ug/L

RT: 2.761 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

Instrument :

MSVOA_V

ClientSampleId :

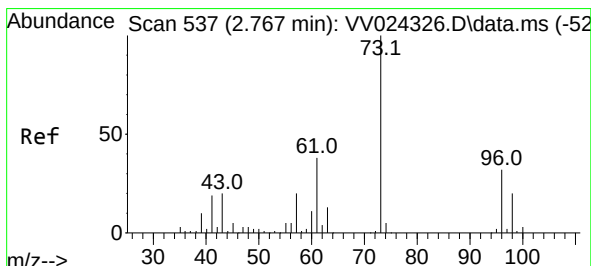
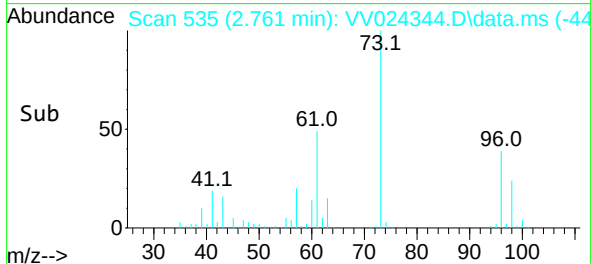
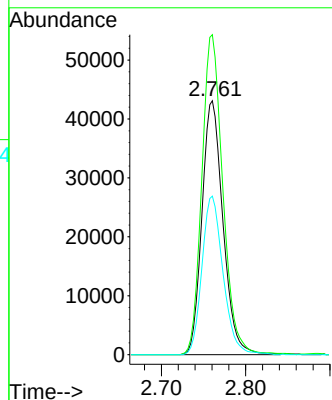
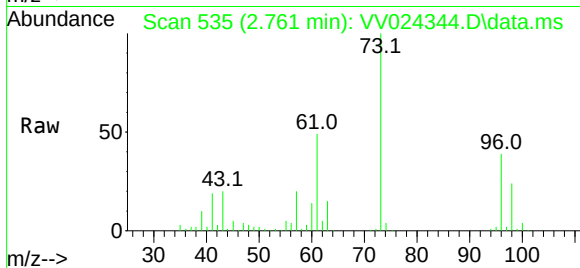
Tgt Ion: 96 Resp: 74954

Ion Ratio Lower Upper

96 100

61 126.0 88.1 163.7

98 62.4 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 53.625 ug/L

RT: 2.767 min Scan# 537

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

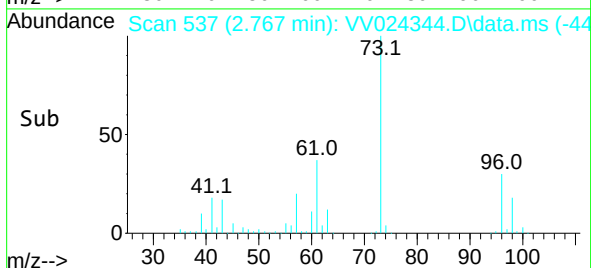
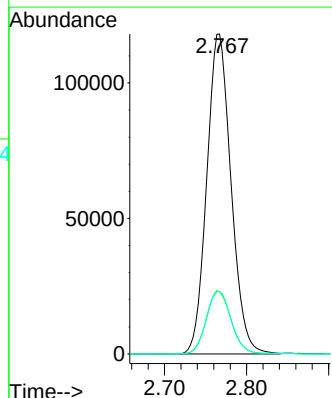
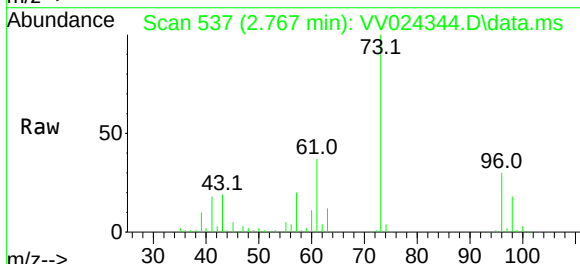
Tgt Ion: 73 Resp: 243136

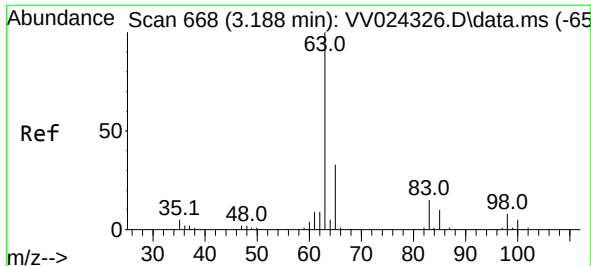
Ion Ratio Lower Upper

73 100

43 19.8 16.2 24.2

57 20.2 15.9 23.9





#19

1,1-Dichloroethane

Concen: 53.899 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

Instrument :

MSVOA_V

ClientSampleId :

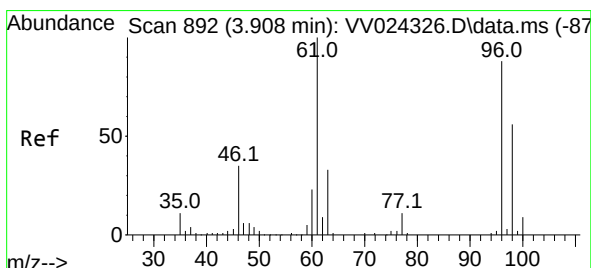
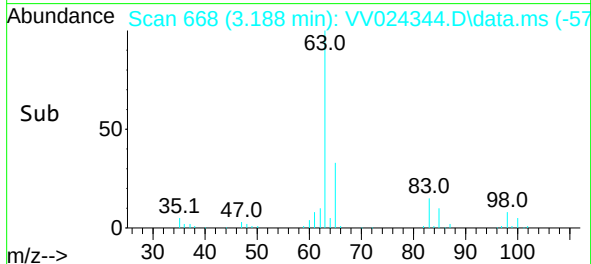
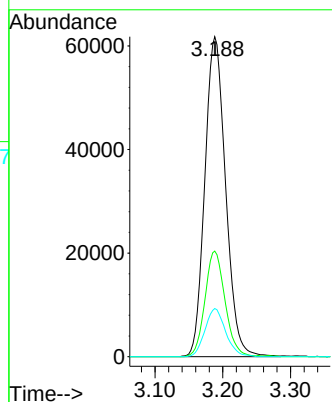
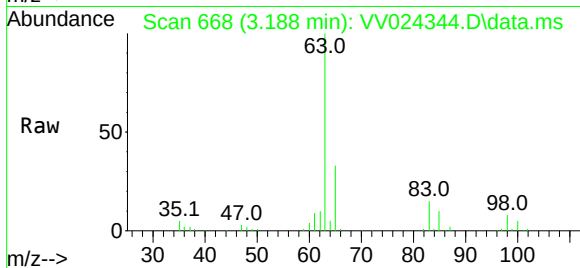
Tgt Ion: 63 Resp: 131518

Ion Ratio Lower Upper

63 100

65 33.0 22.4 41.6

83 15.0 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 53.148 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

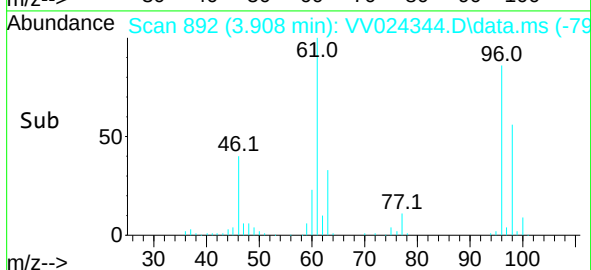
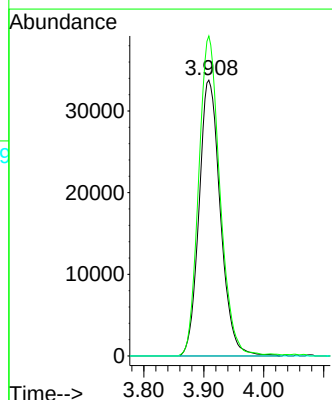
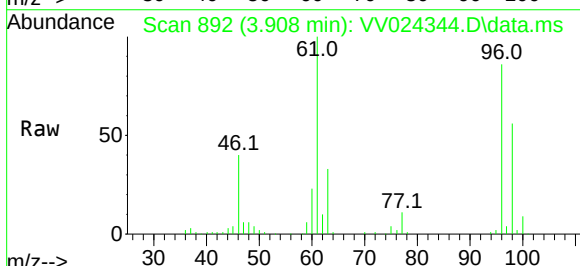
Tgt Ion: 96 Resp: 83505

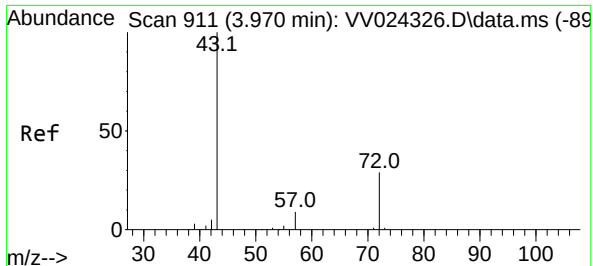
Ion Ratio Lower Upper

96 100

61 116.0 82.9 153.9

68 0.0 0.0 0.0

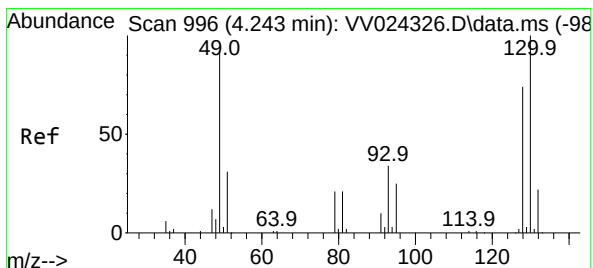
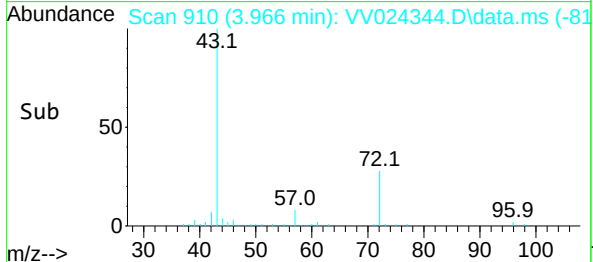
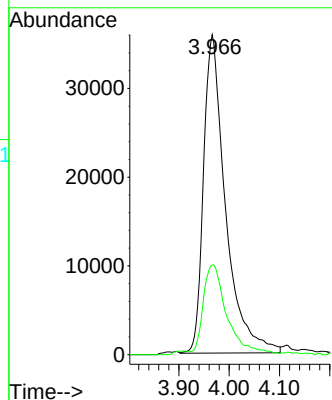
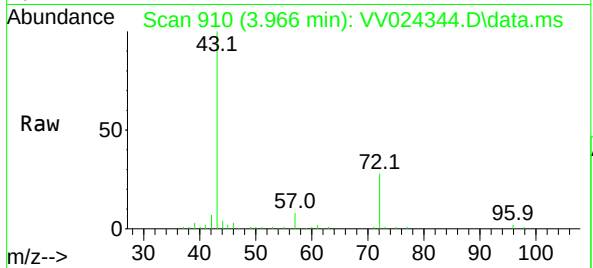




#22
2-Butanone
Concen: 110.700 ug/L
RT: 3.966 min Scan# 911
Delta R.T. -0.003 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

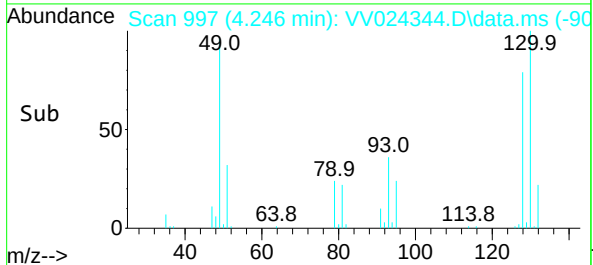
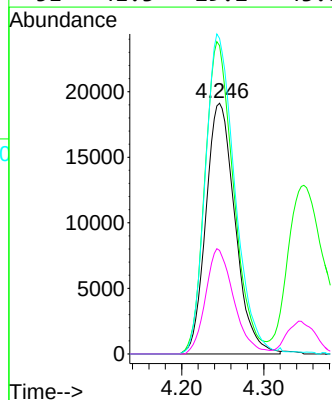
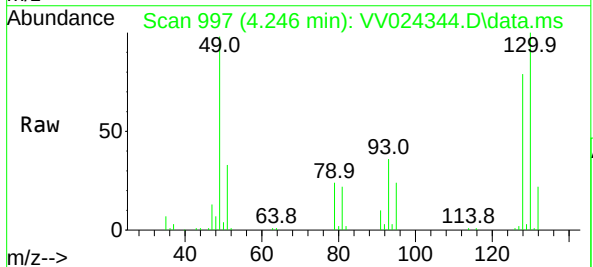
Instrument :
MSVOA_V
ClientSampleId :

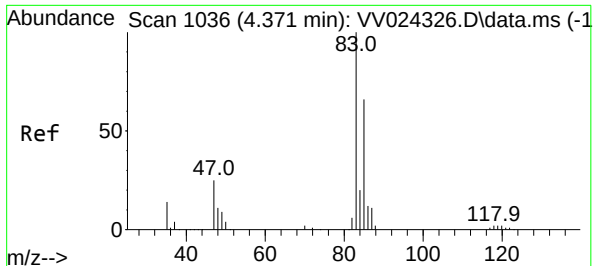
Tgt Ion: 43 Resp: 109111
Ion Ratio Lower Upper
43 100
72 26.5 14.9 44.9



#23
Bromochloromethane
Concen: 52.166 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Tgt Ion:128 Resp: 47226
Ion Ratio Lower Upper
128 100
49 123.0 83.1 154.3
130 125.9 87.0 161.6
51 41.3 29.2 43.8





#25

Chloroform

Concen: 52.927 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

Instrument :

MSVOA_V

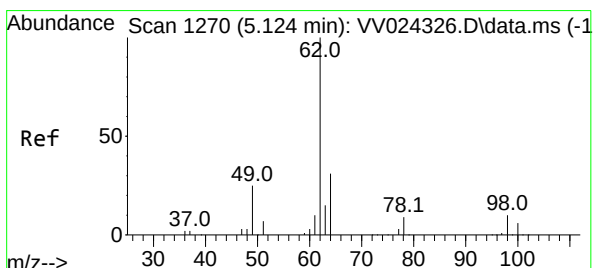
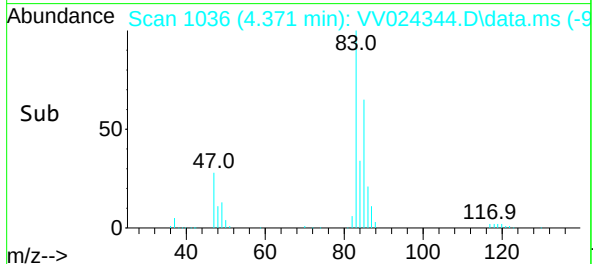
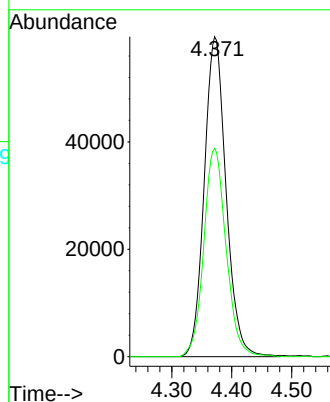
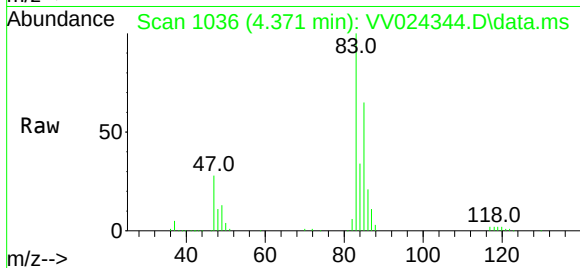
ClientSampleId :

Tgt Ion: 83 Resp: 150996

Ion Ratio Lower Upper

83 100

85 65.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 50.605 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV024344.D

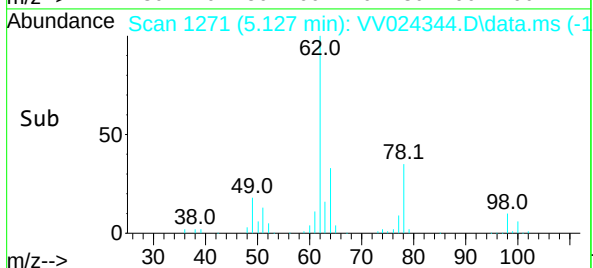
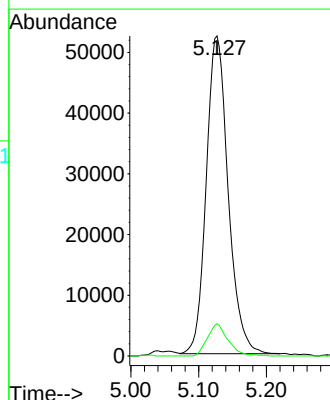
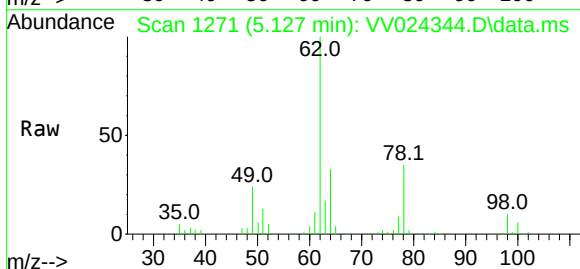
Acq: 13 Jan 2022 10:40

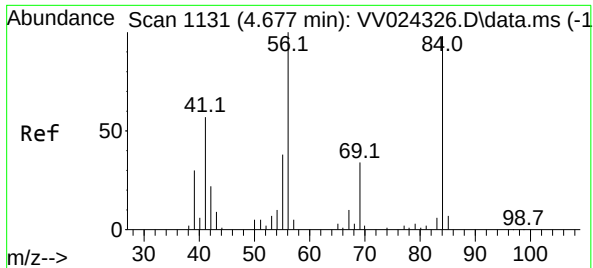
Tgt Ion: 62 Resp: 117426

Ion Ratio Lower Upper

62 100

98 10.0 7.1 10.7

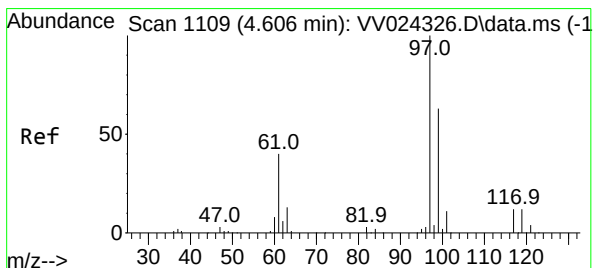
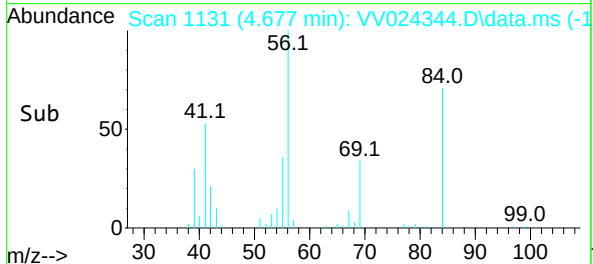
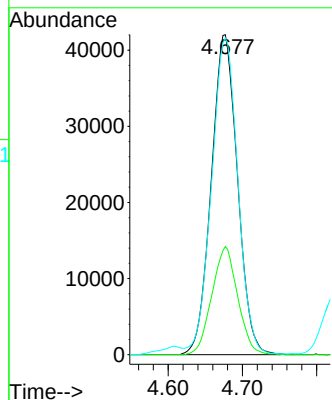
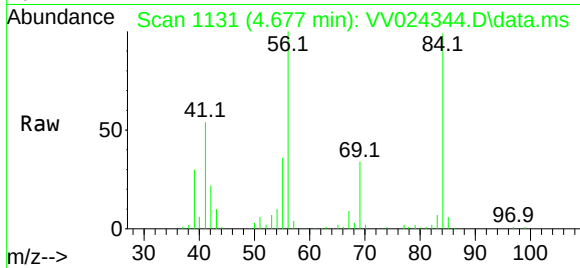




#29
Cyclohexane
Concen: 52.486 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

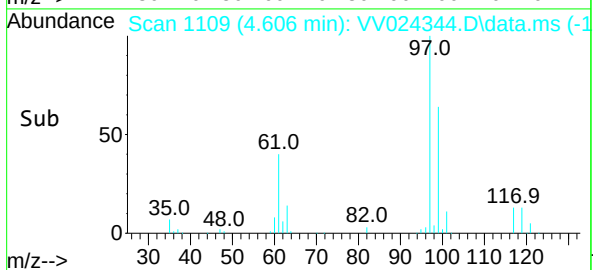
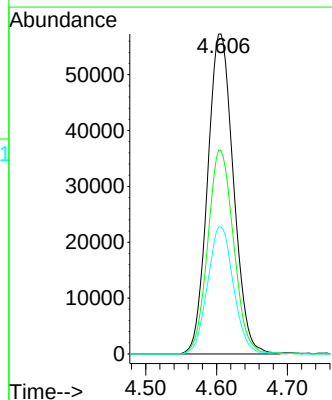
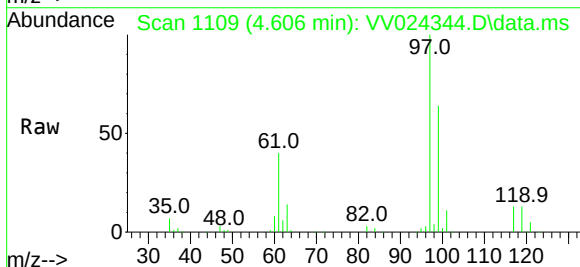
Instrument :
MSVOA_V
ClientSampleId :

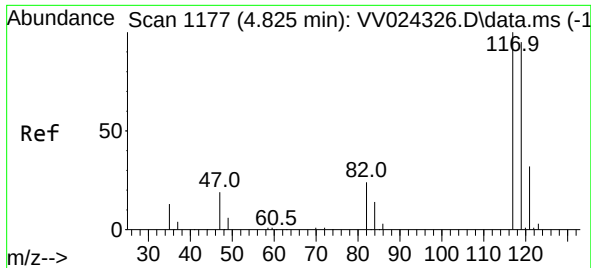
Tgt Ion:	56	Resp:	103260
Ion Ratio	Lower	Upper	
56	100		
69	33.2	25.8	38.6
84	99.2	79.1	118.7



#30
1,1,1-Trichloroethane
Concen: 53.595 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

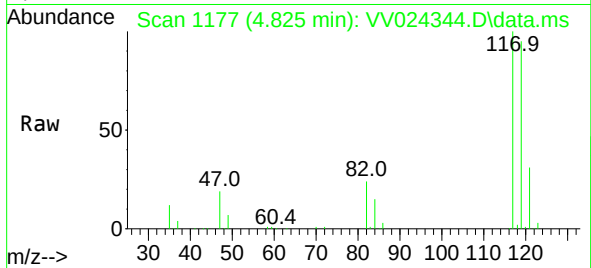
Tgt Ion:	97	Resp:	145134
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.2	76.8
61	39.7	33.2	49.8



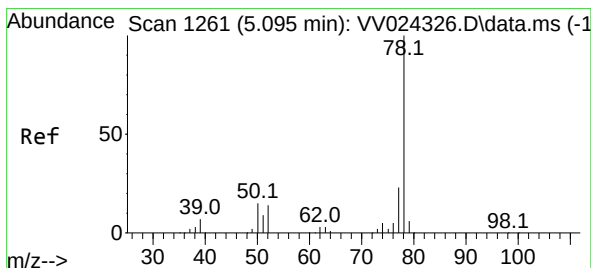
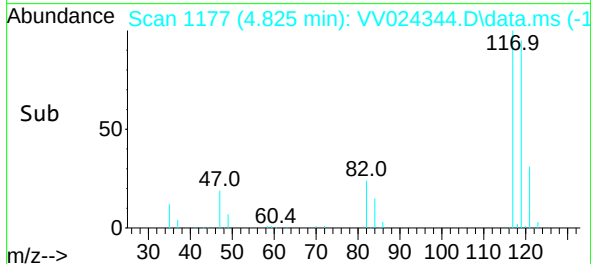
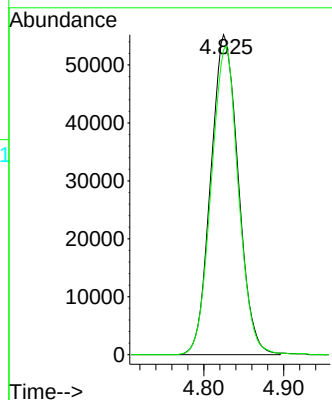


#31
Carbon tetrachloride
Concen: 52.486 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Instrument :
MSVOA_V
ClientSampleId :

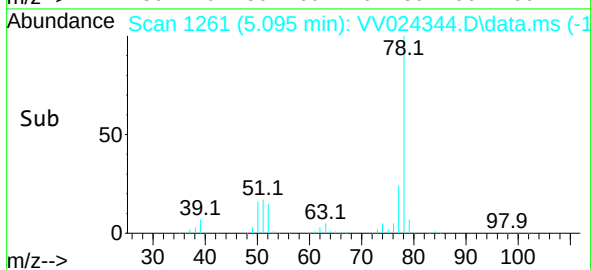
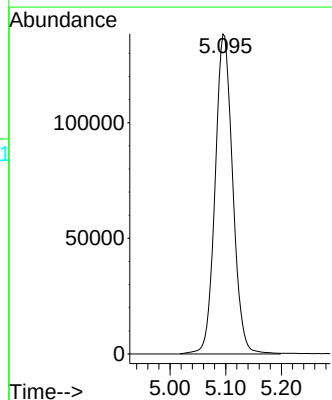
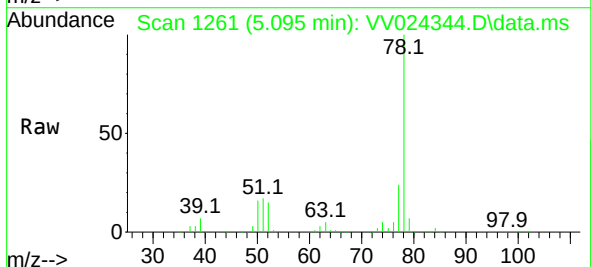


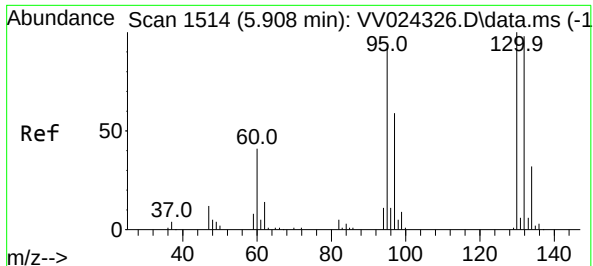
Tgt Ion:117 Resp: 131858
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3



#33
Benzene
Concen: 54.300 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

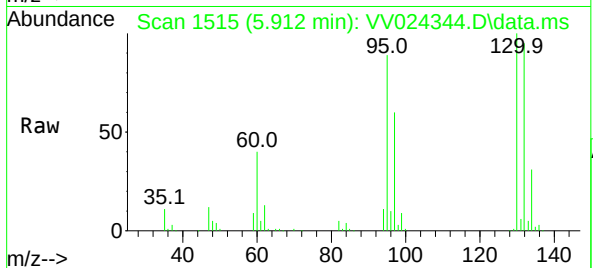
Tgt Ion: 78 Resp: 303873





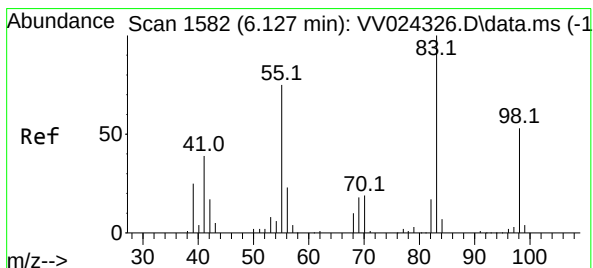
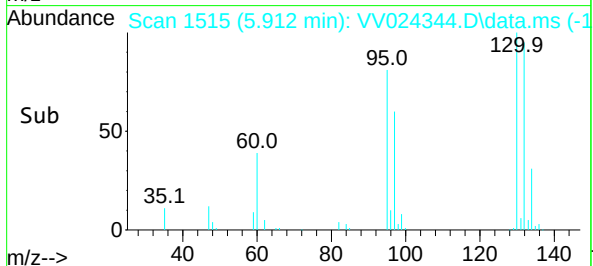
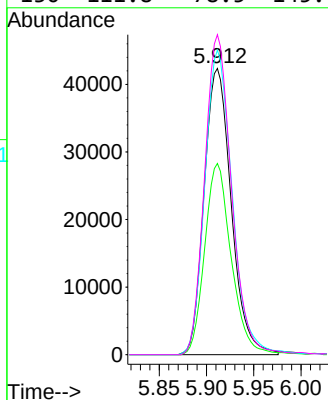
#34
Trichloroethene
Concen: 54.781 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 84539

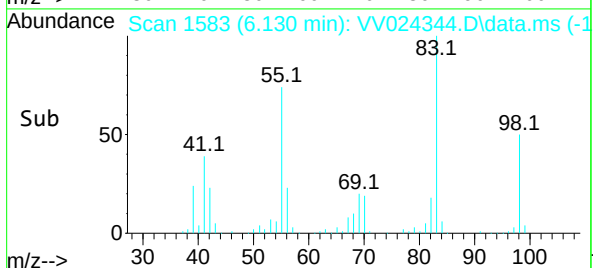
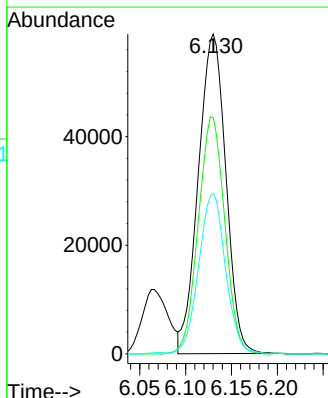
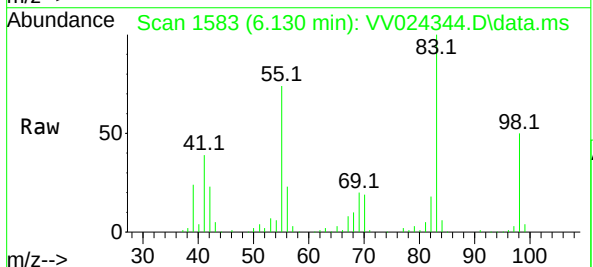
Ion	Ratio	Lower	Upper
95	100		
97	66.8	44.1	81.9
132	106.4	75.1	139.5
130	111.8	78.5	145.7

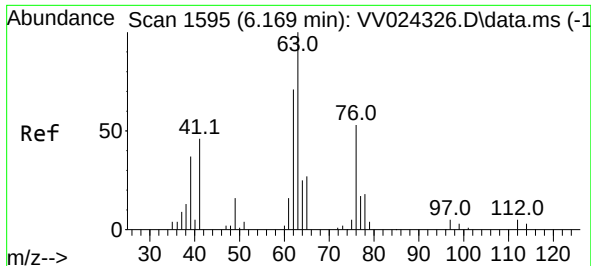


#35
Methylcyclohexane
Concen: 53.543 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Tgt Ion: 83 Resp: 122544

Ion	Ratio	Lower	Upper
83	100		
55	71.5	55.6	83.4
98	49.2	41.3	61.9





#37

1,2-Dichloropropane

Concen: 54.268 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

Instrument :

MSVOA_V

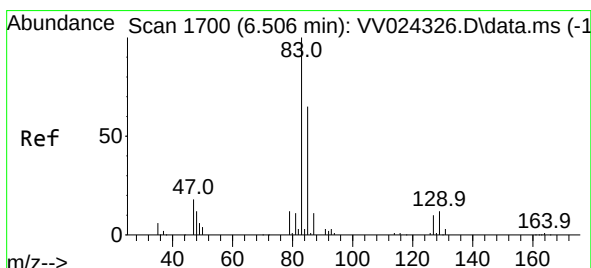
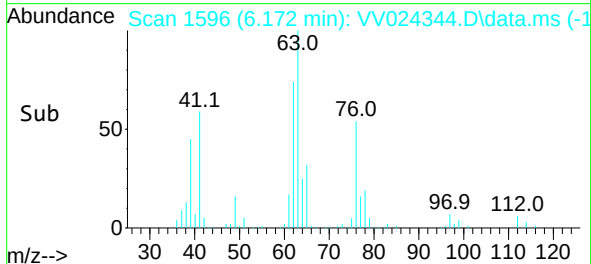
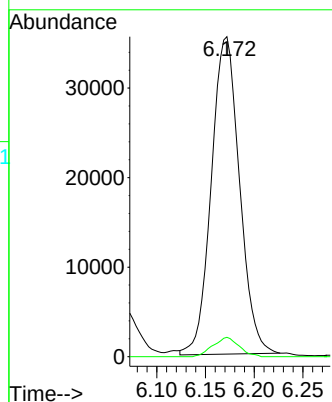
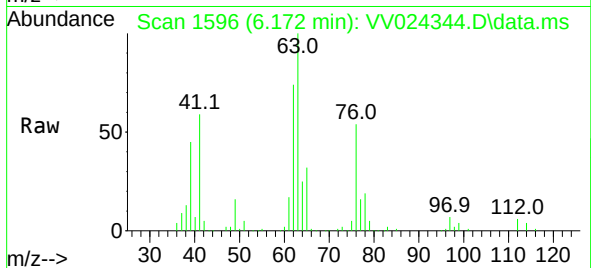
ClientSampleId :

Tgt Ion: 63 Resp: 71432

Ion Ratio Lower Upper

63 100

112 5.6 4.7 7.1



#38

Bromodichloromethane

Concen: 54.179 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

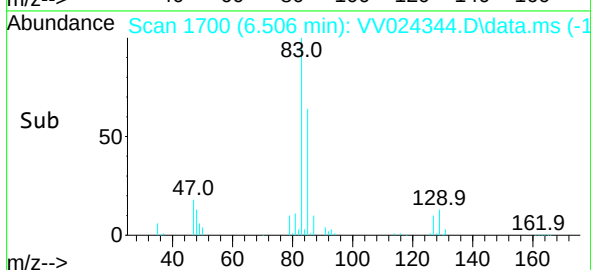
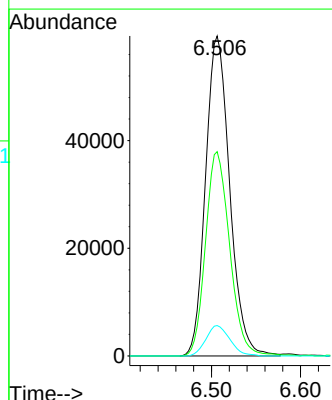
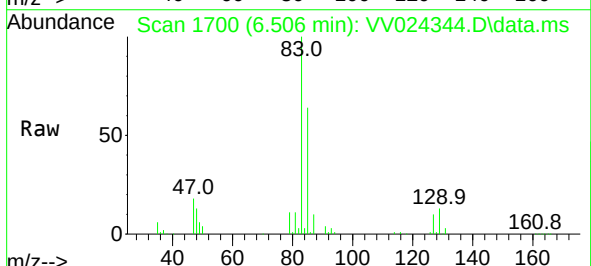
Tgt Ion: 83 Resp: 111909

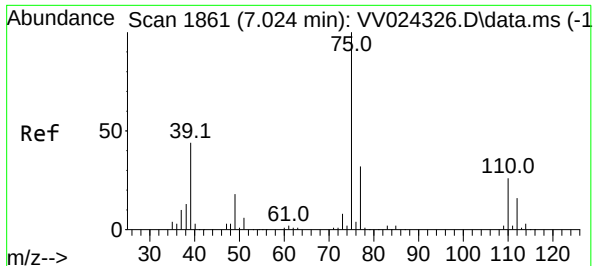
Ion Ratio Lower Upper

83 100

85 63.8 45.2 84.0

127 9.5 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 54.111 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

Instrument :

MSVOA_V

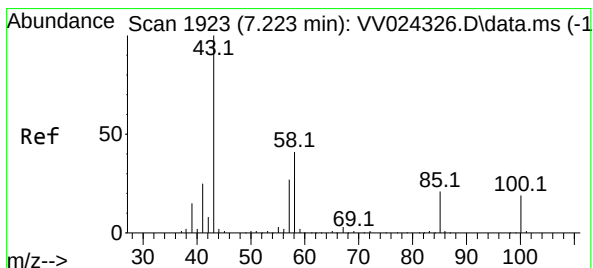
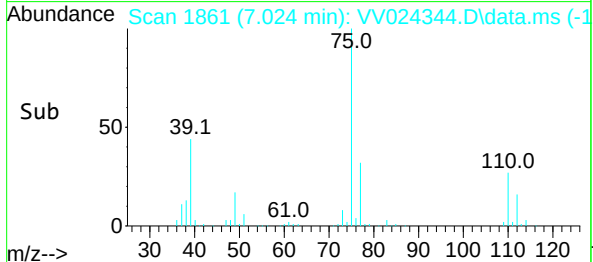
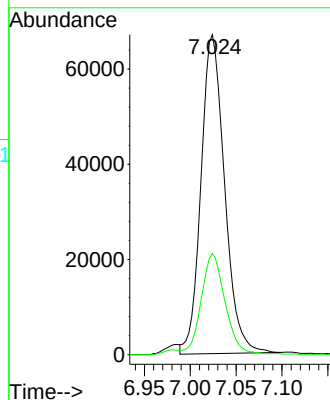
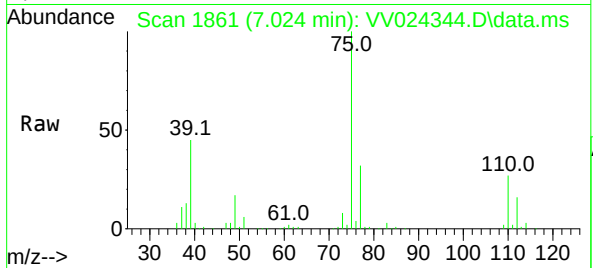
ClientSampleId :

Tgt Ion: 75 Resp: 119730

Ion Ratio Lower Upper

75 100

77 31.6 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 111.270 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

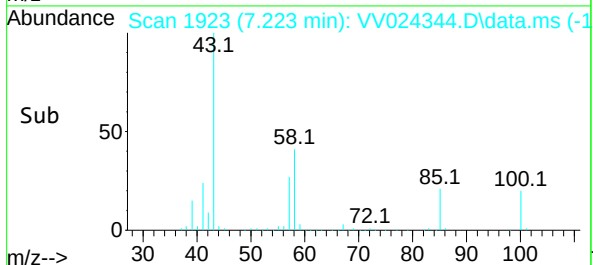
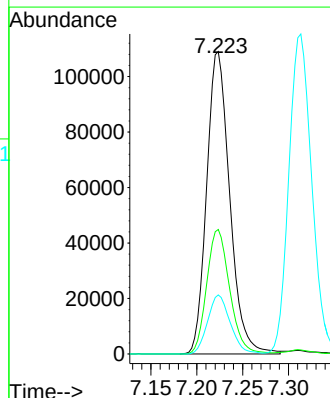
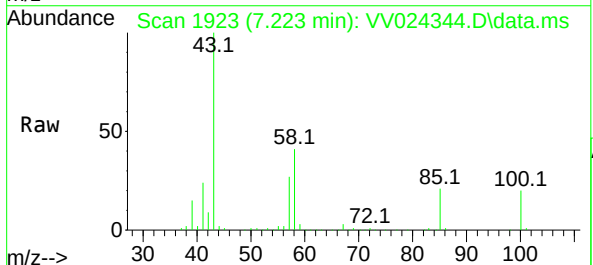
Tgt Ion: 43 Resp: 190986

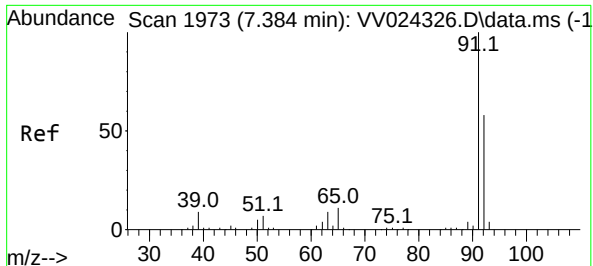
Ion Ratio Lower Upper

43 100

58 40.9 33.0 49.4

100 19.1 16.0 24.0





#42

Toluene

Concen: 54.842 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

Instrument :

MSVOA_V

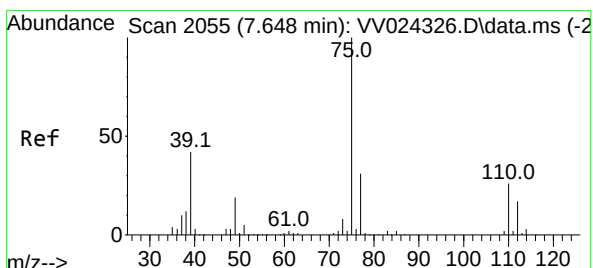
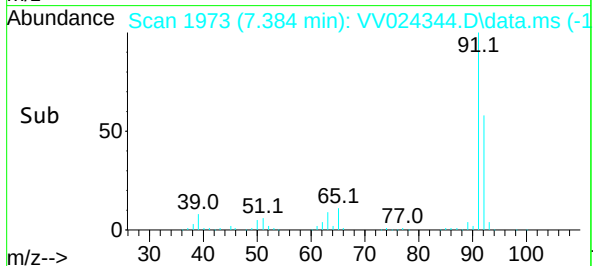
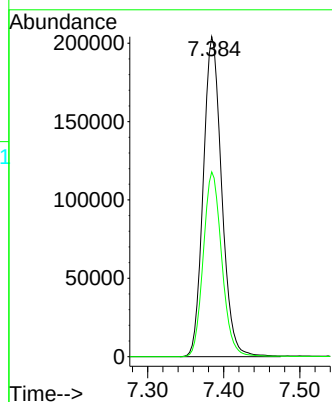
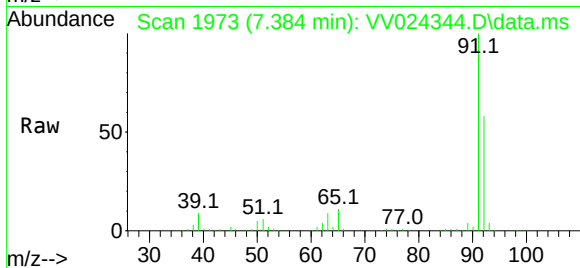
ClientSampleId :

Tgt Ion: 91 Resp: 344515

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 55.562 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV024344.D

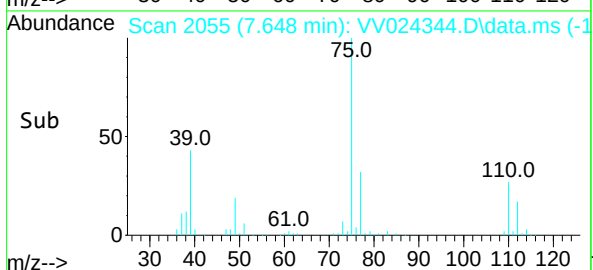
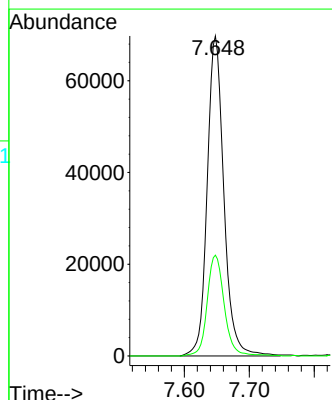
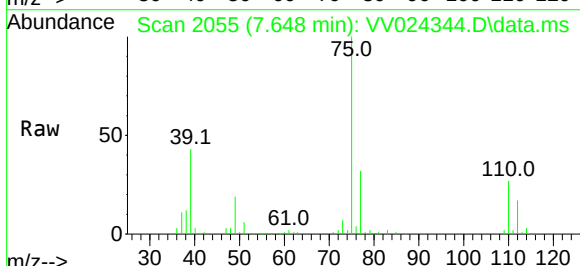
Acq: 13 Jan 2022 10:40

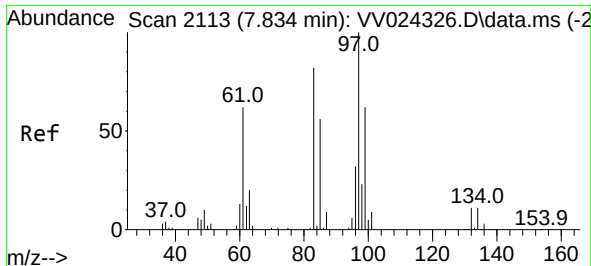
Tgt Ion: 75 Resp: 124711

Ion Ratio Lower Upper

75 100

77 31.5 22.7 42.1

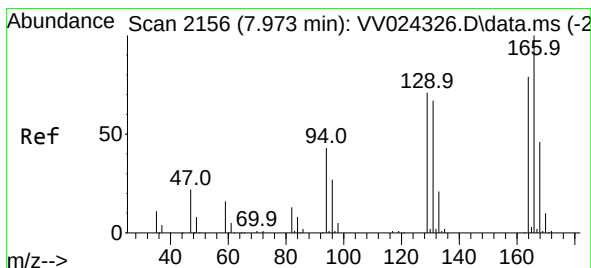
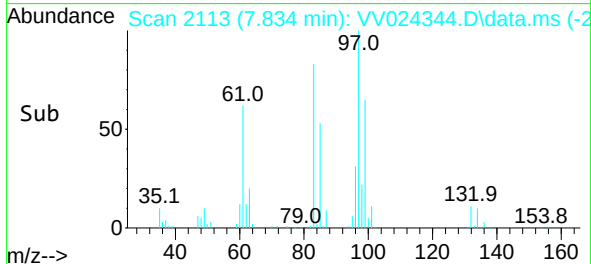
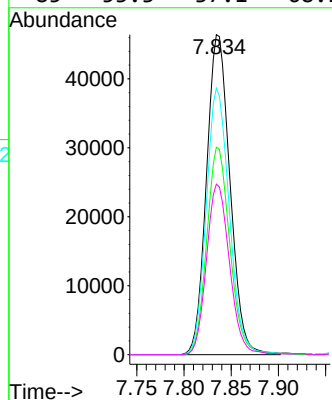
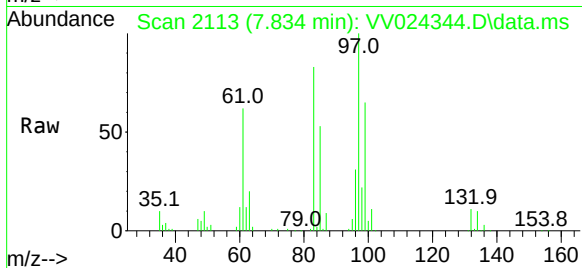




#45
1,1,2-Trichloroethane
Concen: 54.461 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

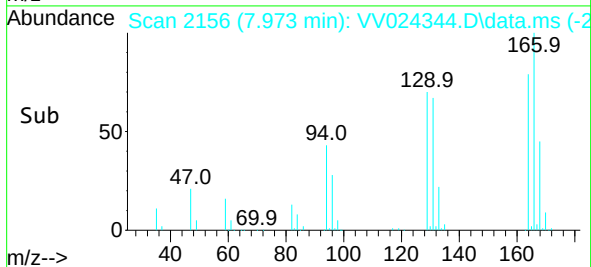
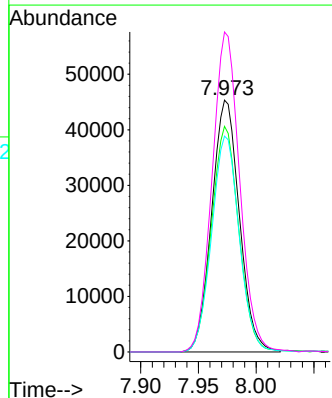
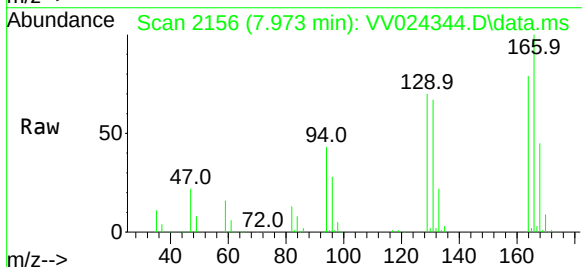
Instrument :
MSVOA_V
ClientSampleId :

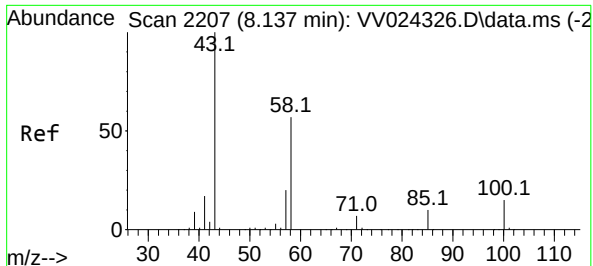
Tgt Ion: 97	Resp: 80364
Ion Ratio	Lower Upper
97 100	
99 64.8	42.4 78.8
83 83.3	57.9 107.5
85 53.3	37.1 68.9



#46
Tetrachloroethene
Concen: 53.764 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

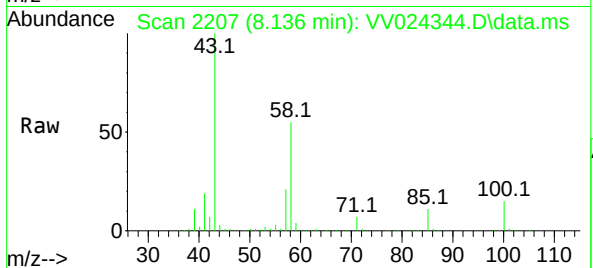
Tgt	Ion:164	Resp:	75518
Ion	Ratio	Lower	Upper
164	100		
129	89.6	61.5	114.1
131	85.7	62.2	115.4
166	127.1	89.9	166.9



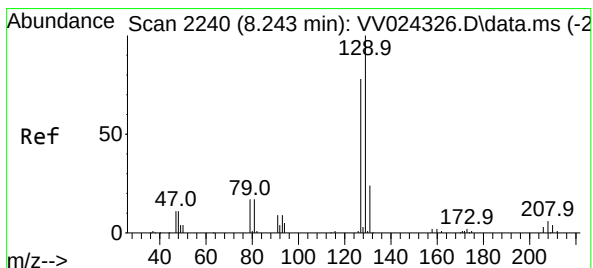
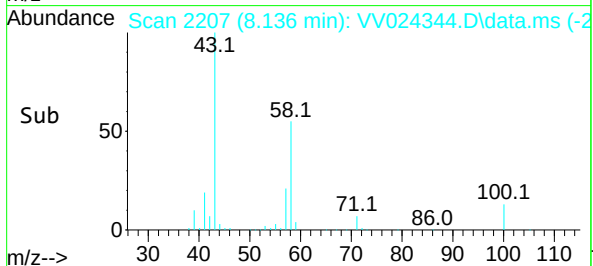
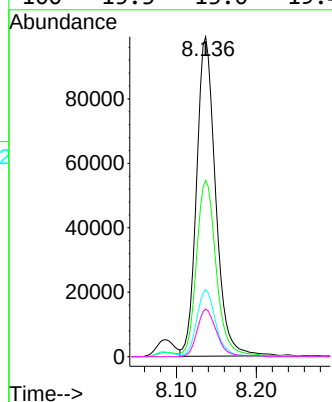


#48
2-Hexanone
Concen: 119.351 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Instrument :
MSVOA_V
ClientSampleId :

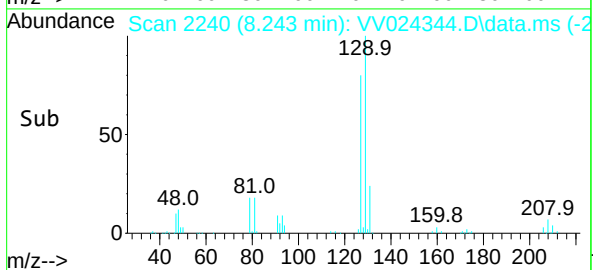
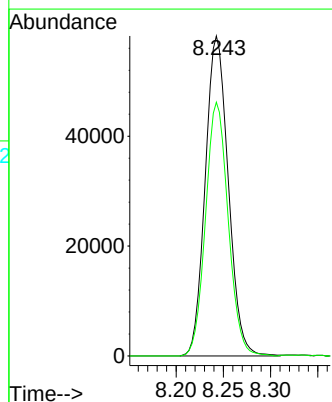
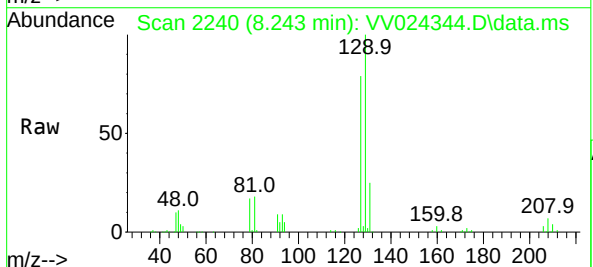


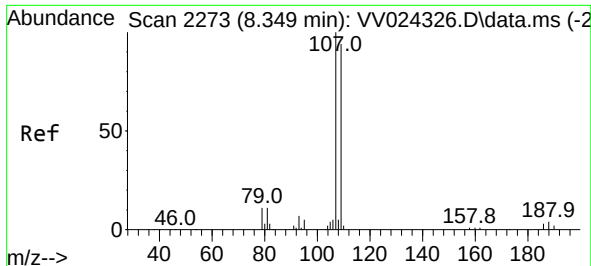
Tgt Ion: 43	Resp: 164539
Ion Ratio	Lower Upper
43 100	
58 56.4	45.0 67.4
57 20.7	16.9 25.3
100 15.3	13.0 19.4



#49
Dibromochloromethane
Concen: 53.325 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Tgt Ion:129	Resp:	98633	
Ion	Ratio	Lower	Upper
129	100		
127	79.3	53.7	99.7





#50

1,2-Dibromoethane

Concen: 53.885 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024344.D

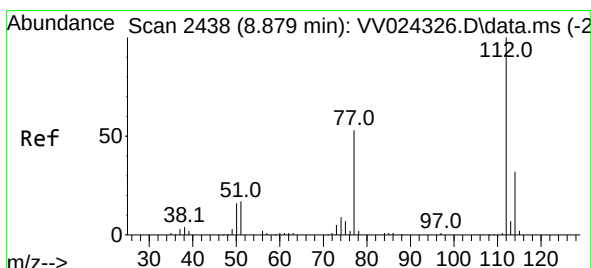
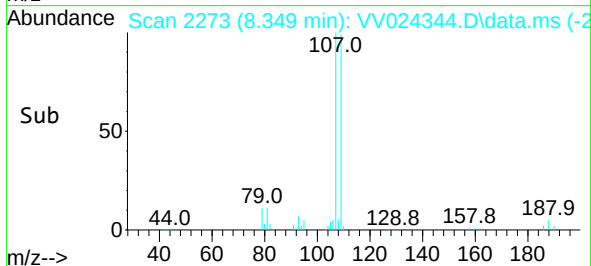
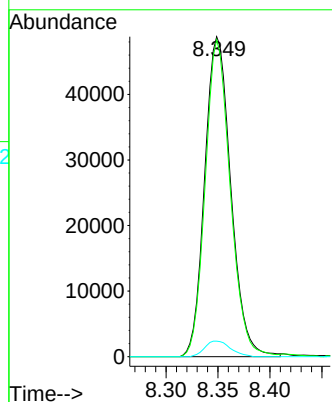
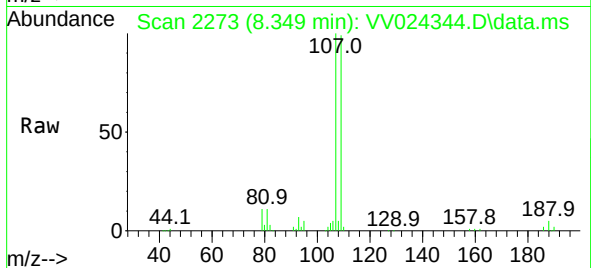
Acq: 13 Jan 2022 10:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	85405
Ion Ratio	Lower	Upper
107	100	
109	99.0	65.8 122.2
188	4.9	3.8 5.6



#51

Chlorobenzene

Concen: 54.702 ug/L

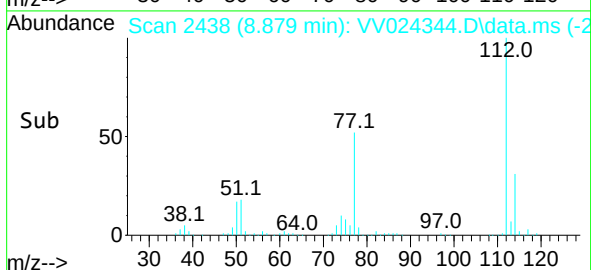
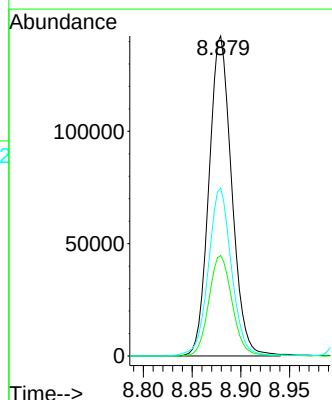
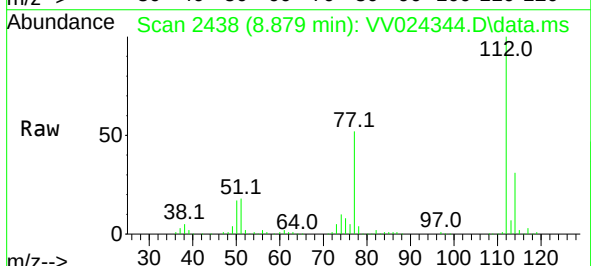
RT: 8.879 min Scan# 2438

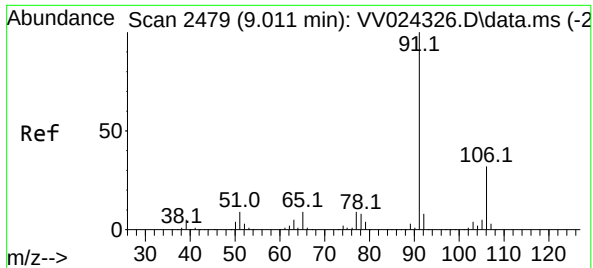
Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

Tgt Ion:112	Resp:	231453
Ion Ratio	Lower	Upper
112	100	
114	31.4	22.3 41.5
77	52.5	42.8 64.2





#52

Ethylbenzene

Concen: 55.145 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

Instrument :

MSVOA_V

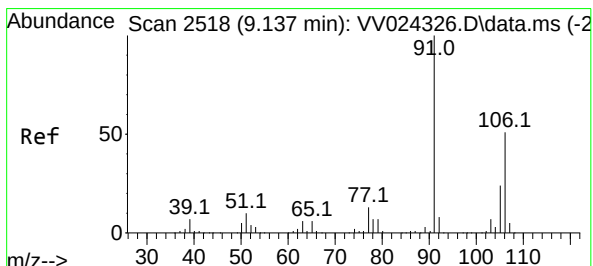
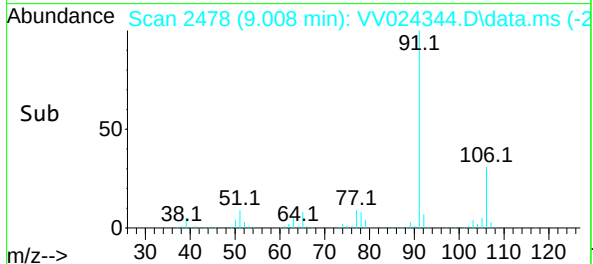
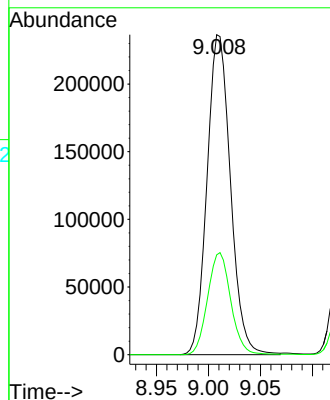
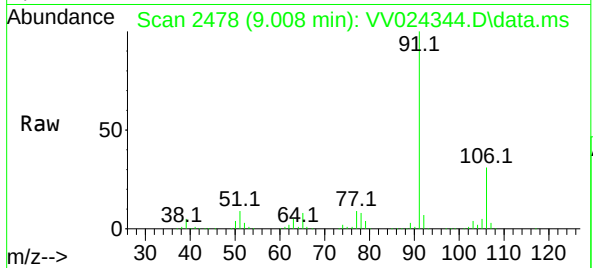
ClientSampleId :

Tgt Ion: 91 Resp: 370081

Ion Ratio Lower Upper

91 100

106 31.2 22.0 41.0



#53

m,p-Xylene

Concen: 55.471 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024344.D

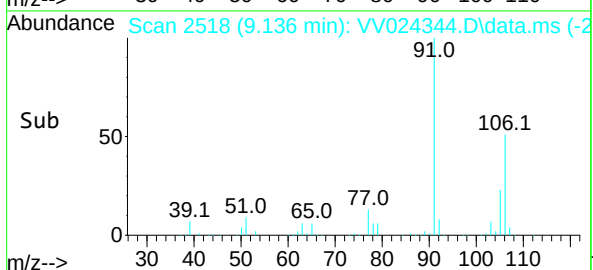
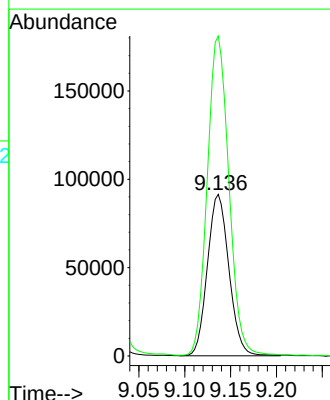
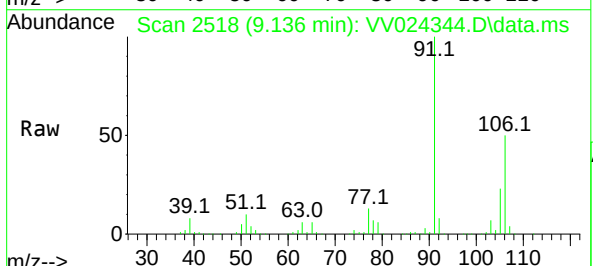
Acq: 13 Jan 2022 10:40

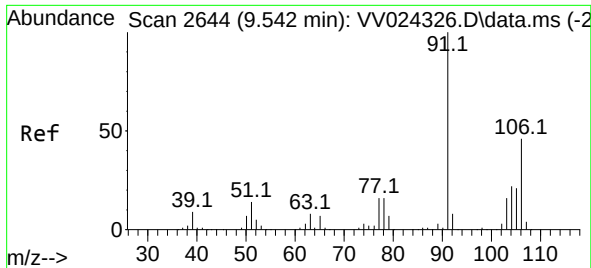
Tgt Ion:106 Resp: 149220

Ion Ratio Lower Upper

106 100

91 198.0 141.8 263.4

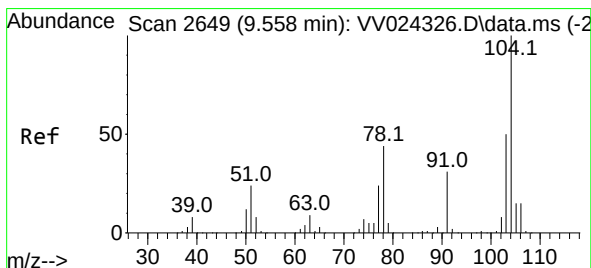
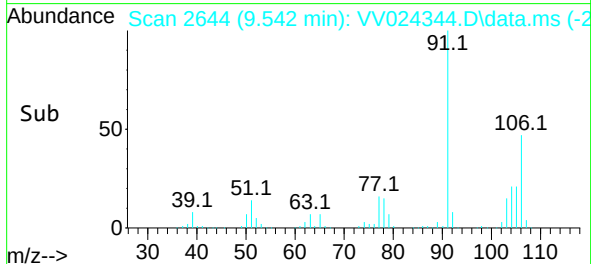
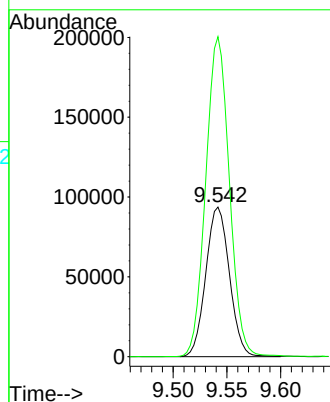
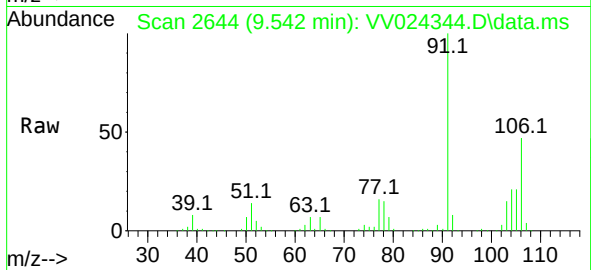




#54
o-Xylene
Concen: 55.947 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

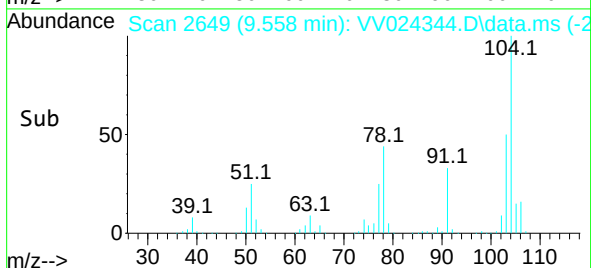
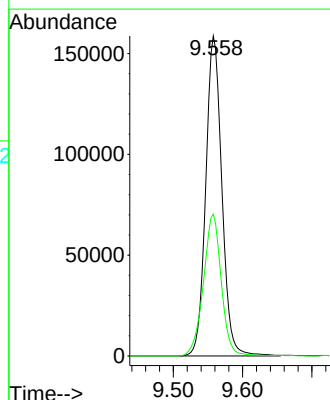
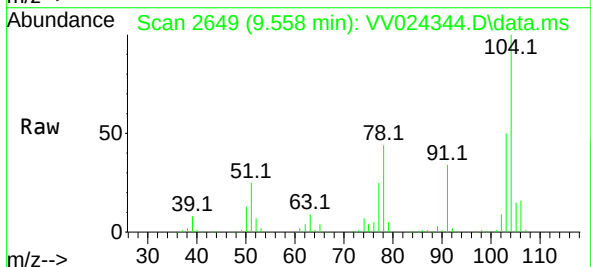
Instrument :
MSVOA_V
ClientSampleId :

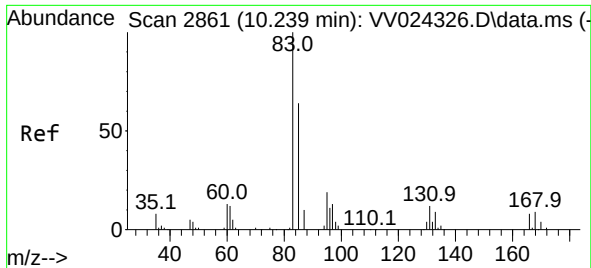
Tgt Ion:106 Resp: 143665
Ion Ratio Lower Upper
106 100
91 213.8 150.9 280.3



#55
Styrene
Concen: 57.441 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Tgt Ion:104 Resp: 256150
Ion Ratio Lower Upper
104 100
78 44.4 31.5 58.5

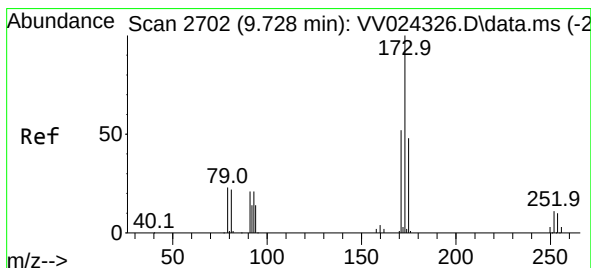
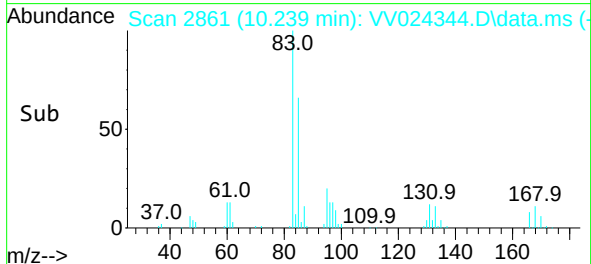
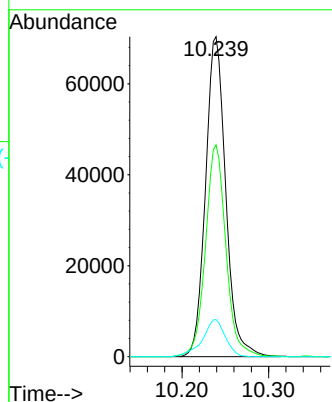
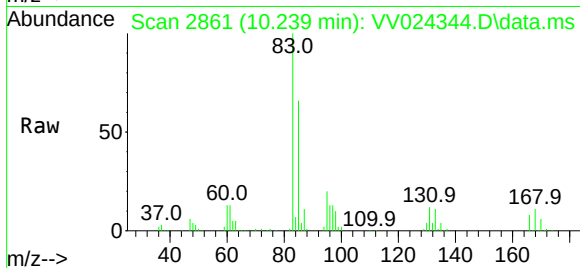




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.872 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV024344.D
 Acq: 13 Jan 2022 10:40

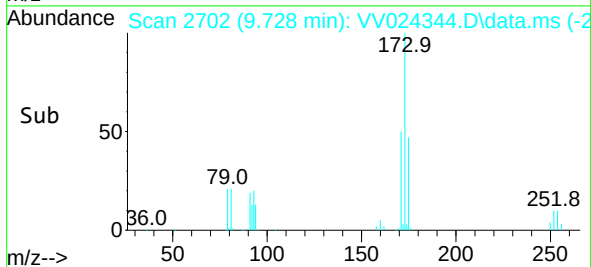
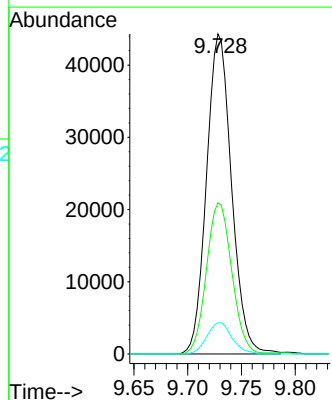
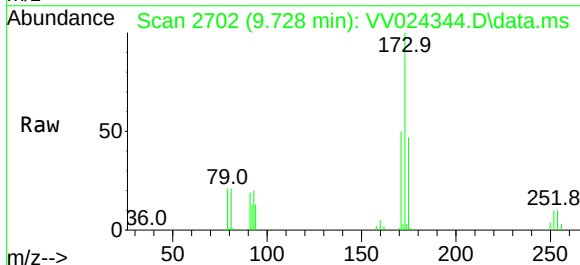
Instrument :
 MSVOA_V
 ClientSampleId :

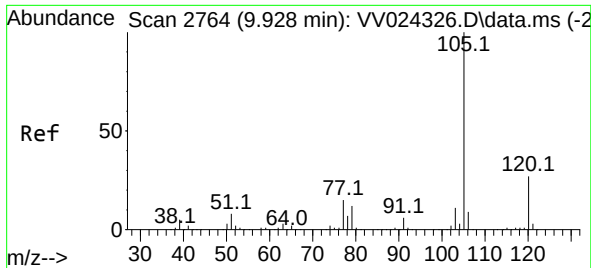
Tgt Ion: 83 Resp: 113924
 Ion Ratio Lower Upper
 83 100
 85 66.2 44.5 82.7
 131 11.6 9.2 13.8



#59
 Bromoform
 Concen: 49.582 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV024344.D
 Acq: 13 Jan 2022 10:40

Tgt Ion: 173 Resp: 71775
 Ion Ratio Lower Upper
 173 100
 175 47.7 39.4 59.2
 254 9.8 7.8 11.6

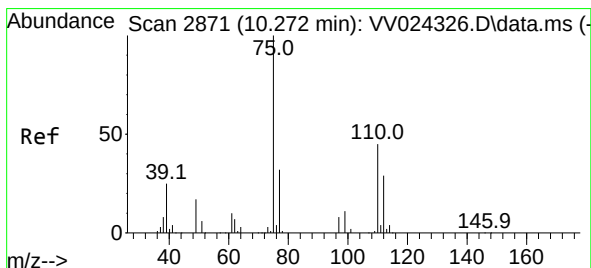
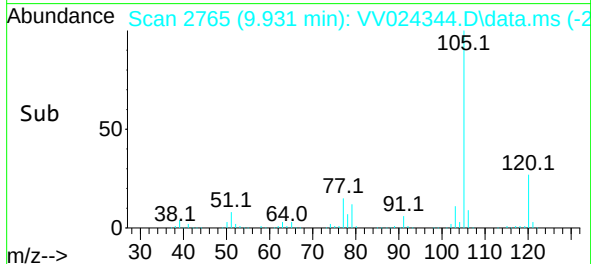
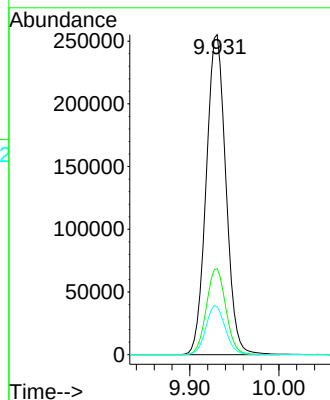
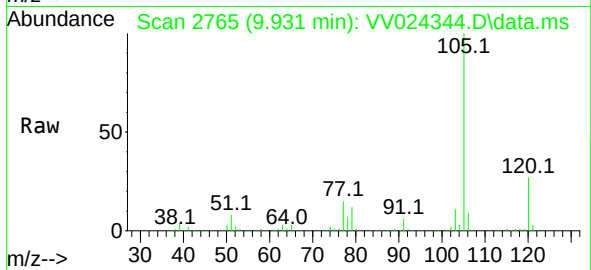




#60
Isopropylbenzene
Concen: 55.648 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

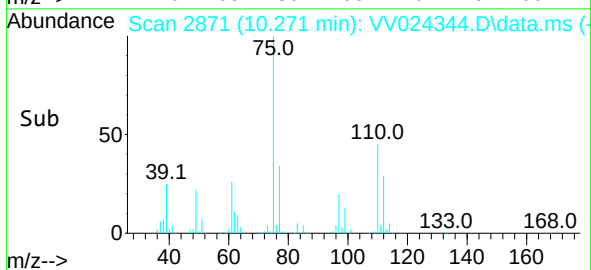
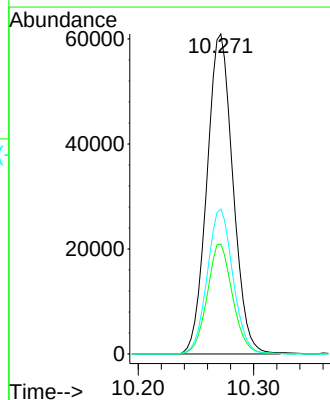
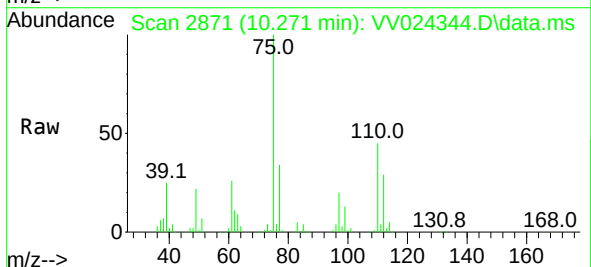
Instrument :
MSVOA_V
ClientSampleId :

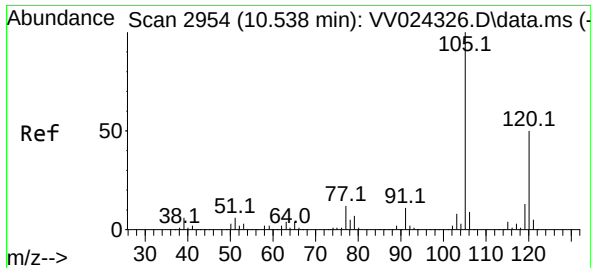
Tgt Ion:105 Resp: 390922
Ion Ratio Lower Upper
105 100
120 26.7 21.9 32.9
77 15.2 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 51.167 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Tgt Ion: 75 Resp: 95384
Ion Ratio Lower Upper
75 100
77 33.4 26.9 40.3
110 44.7 37.1 55.7

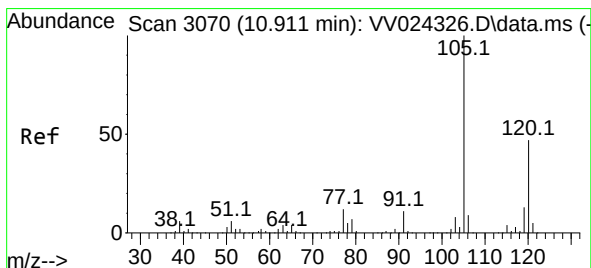
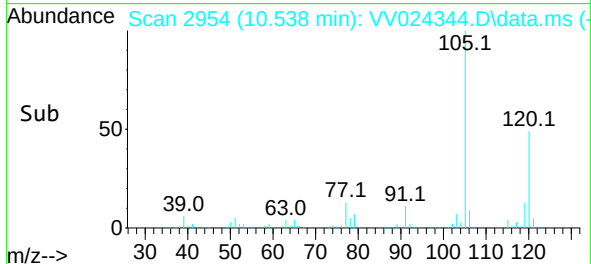
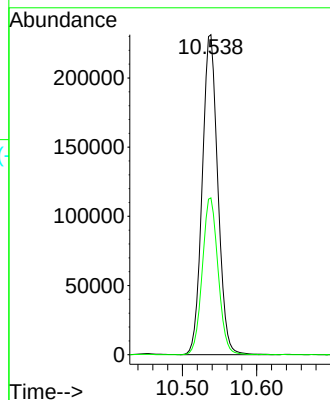
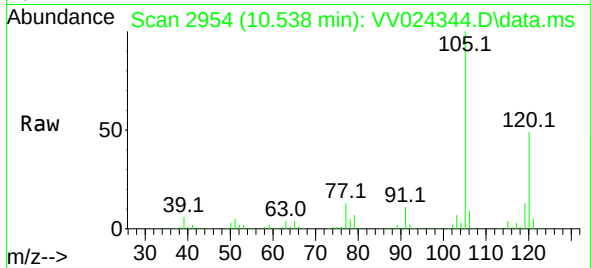




#62
1,3,5-Trimethylbenzene
Concen: 55.727 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

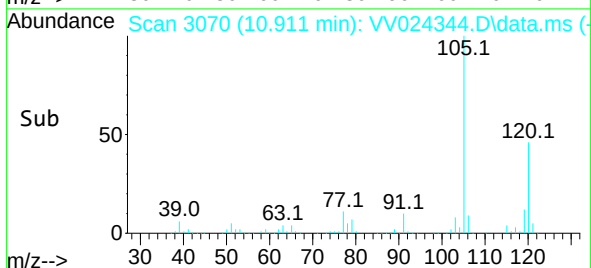
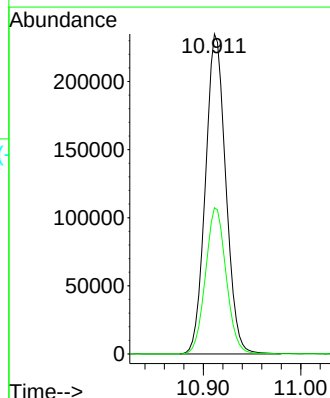
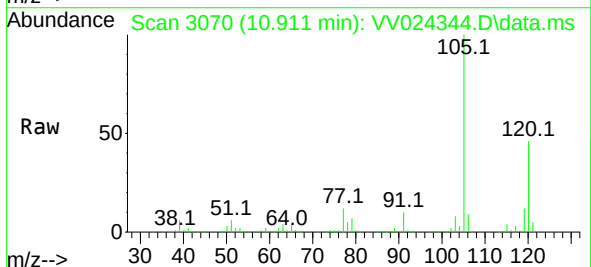
Instrument :
MSVOA_V
ClientSampleId :

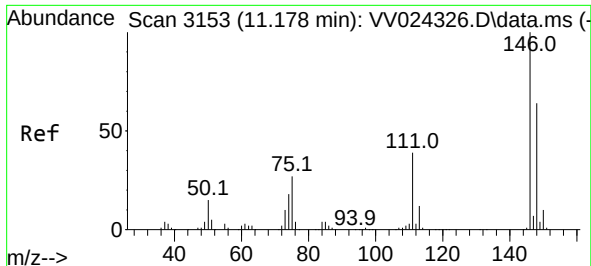
Tgt Ion:105 Resp: 336745
Ion Ratio Lower Upper
105 100
120 49.6 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 56.482 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Tgt Ion:105 Resp: 340739
Ion Ratio Lower Upper
105 100
120 46.5 36.6 55.0

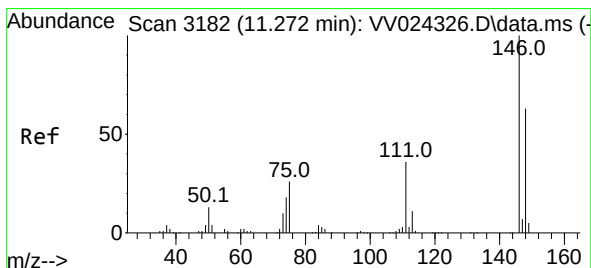
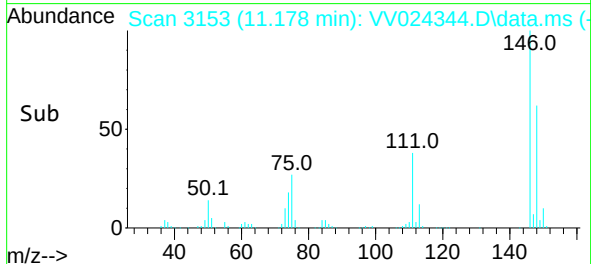
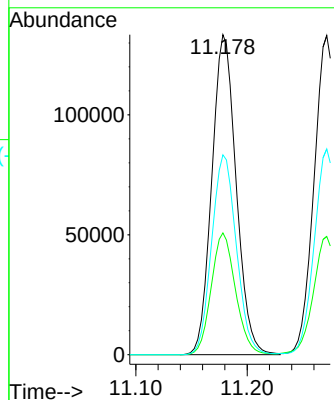
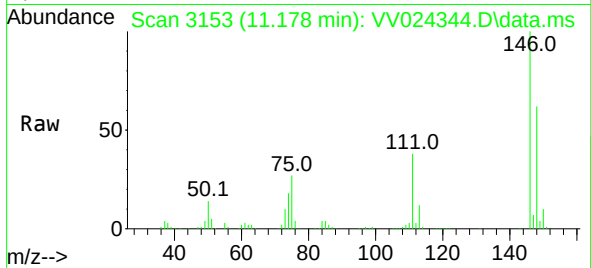




#64
 1,3-Dichlorobenzene
 Concen: 55.917 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: VV024344.D
 Acq: 13 Jan 2022 10:40

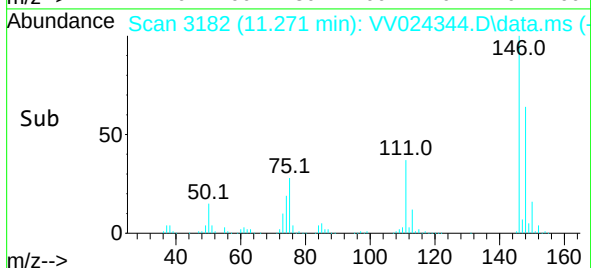
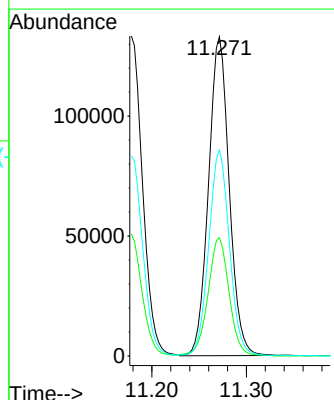
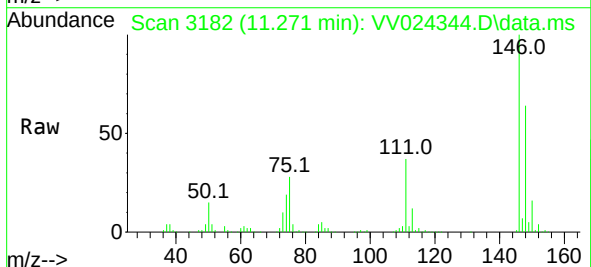
Instrument :
 MSVOA_V
 ClientSampleId :

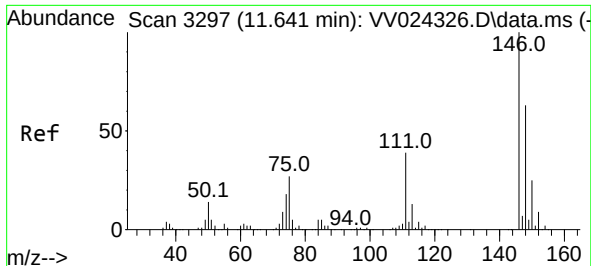
Tgt Ion:146 Resp: 202539
 Ion Ratio Lower Upper
 146 100
 111 38.0 26.5 49.3
 148 62.4 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 54.113 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV024344.D
 Acq: 13 Jan 2022 10:40

Tgt Ion:146 Resp: 202133
 Ion Ratio Lower Upper
 146 100
 111 37.0 26.5 49.3
 148 64.4 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 53.829 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

Instrument :

MSVOA_V

ClientSampleId :

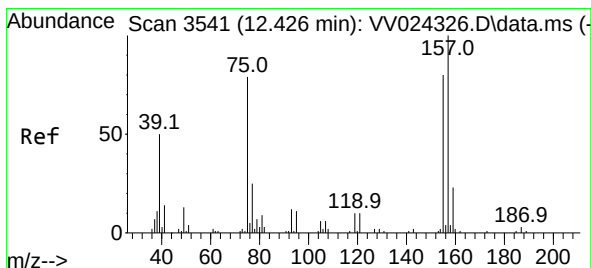
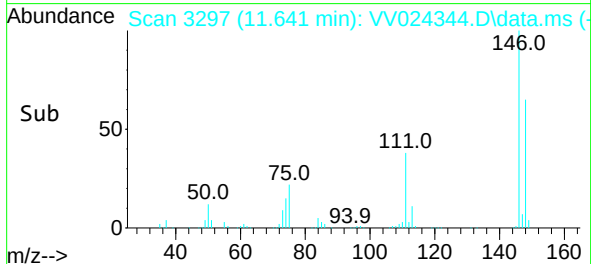
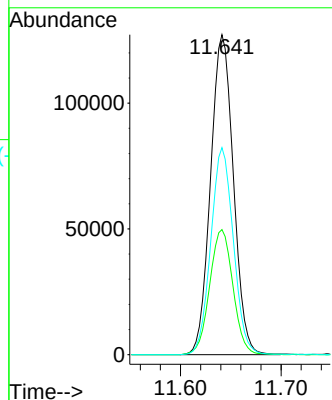
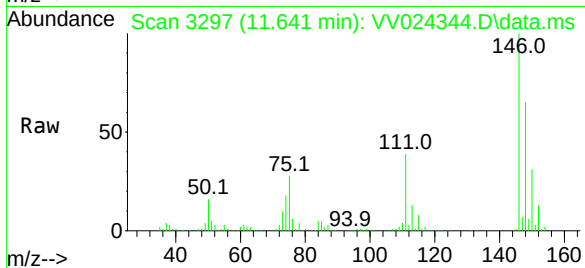
Tgt Ion:146 Resp: 200945

Ion Ratio Lower Upper

146 100

111 39.1 32.0 48.0

148 64.7 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 46.558 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

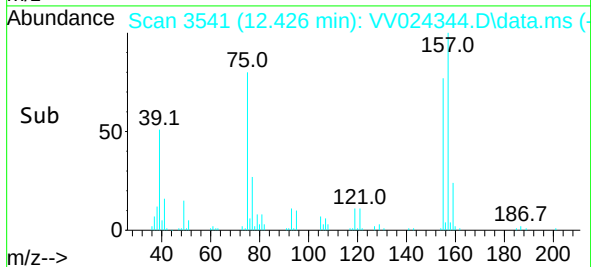
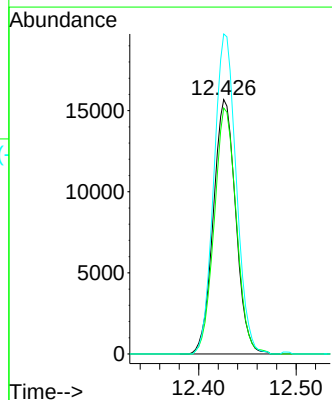
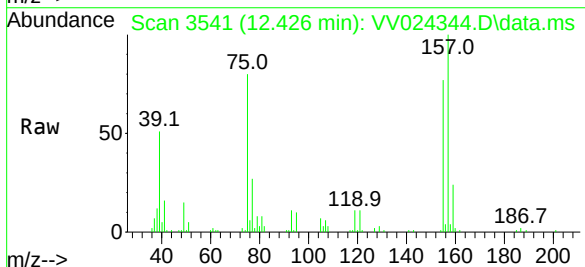
Tgt Ion: 75 Resp: 24997

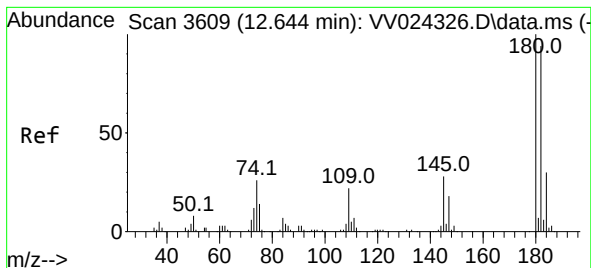
Ion Ratio Lower Upper

75 100

155 96.7 73.2 109.8

157 125.8 98.5 147.7





#69

1,3,5-Trichlorobenzene

Concen: 54.865 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

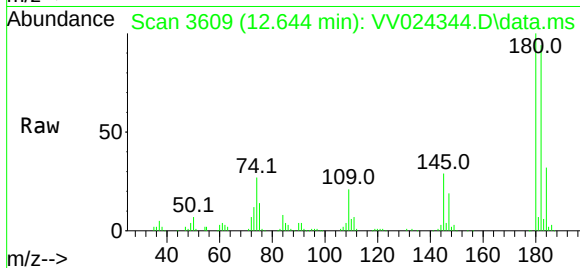
Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 152858

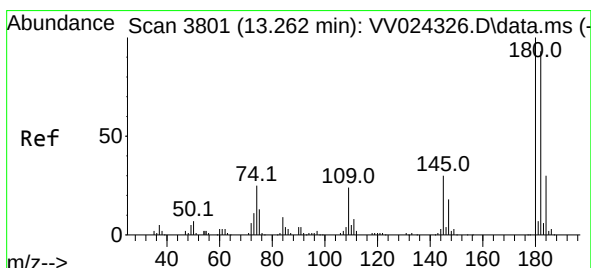
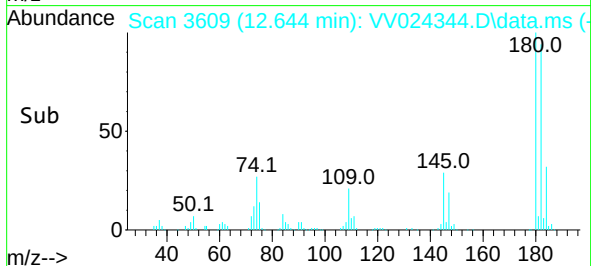
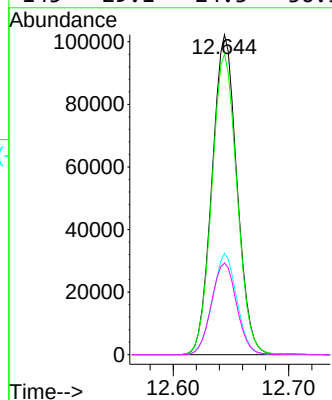
Ion Ratio Lower Upper

180 100

182 95.4 75.4 113.2

184 31.0 24.7 37.1

145 29.1 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 55.044 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV024344.D

Acq: 13 Jan 2022 10:40

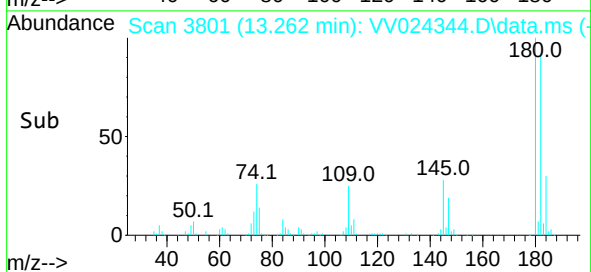
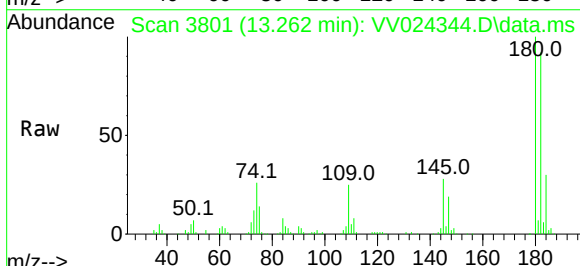
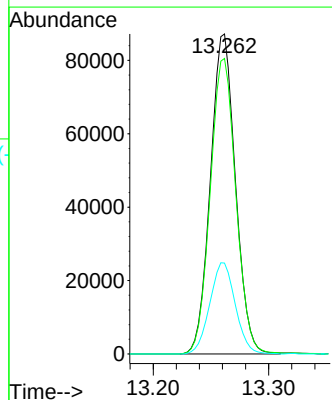
Tgt Ion:180 Resp: 131155

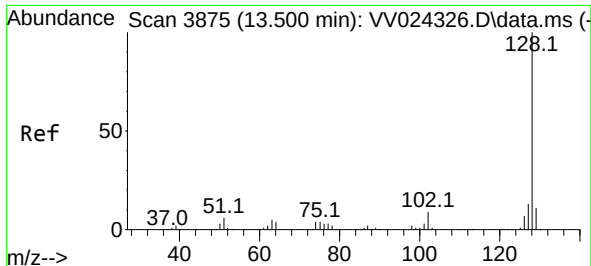
Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

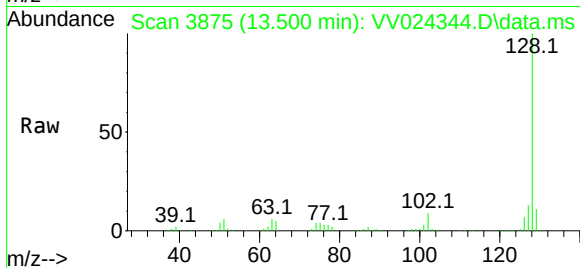
145 29.2 23.9 35.9



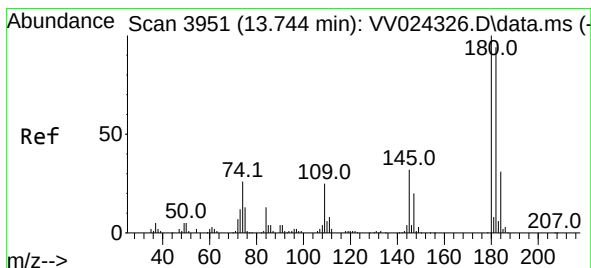
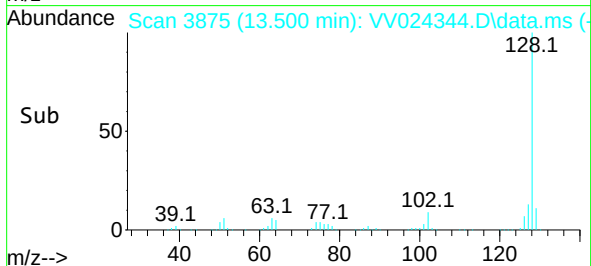
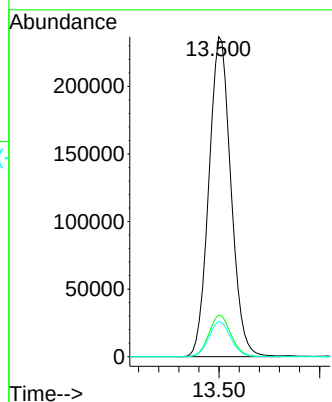


#71
Naphthalene
Concen: 52.229 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 360050
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.401 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV024344.D
Acq: 13 Jan 2022 10:40

Tgt Ion:180 Resp: 131506
Ion Ratio Lower Upper
180 100
182 96.4 76.1 114.1
145 31.2 25.0 37.4

