

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033022\
 Data File : VW025321.D
 Acq On : 30 Mar 2022 17:14
 Operator : SY/MD
 Sample : N2174-08MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 01:29:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 31 01:26:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	128596	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126632	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64360	5.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.200%
7) Chloroethane-d5	1.568	69	56011	5.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.200%
11) 1,1-Dichloroethene-d2	2.111	63	132879	5.107	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	3.892	46	66009	55.167	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.340%
24) Chloroform-d	4.349	84	88612	5.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.000%
26) 1,2-Dichloroethane-d4	5.034	65	37773	5.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.050	84	169802	5.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	6.069	67	47503	5.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.314	98	163102	5.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
43) trans-1,3-Dichloroprop...	7.622	79	15552	5.310	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.088	63	52587	49.711	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.420%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31315	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	52480	5.322	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	76048	5.921	ug/L	100
3) Chloromethane	1.243	50	79892	5.273	ug/L	96
5) Vinyl chloride	1.314	62	90111	5.325	ug/L	99
6) Bromomethane	1.523	94	55523	5.528	ug/L	99
8) Chloroethane	1.587	64	64034	6.030	ug/L	98
9) Trichlorofluoromethane	1.754	101	132333	5.785	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	74362	5.473	ug/L	100
12) 1,1-Dichloroethene	2.121	96	70324	5.432	ug/L	94
13) Acetone	2.182	43	55609	60.906	ug/L	77
14) Carbon disulfide	2.298	76	151385	5.644	ug/L	98
15) Methyl Acetate	2.439	43	13916	6.695	ug/L	95
16) Methylene chloride	2.510	84	54883	5.399	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	96308	5.880	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	55025	5.921	ug/L	99
19) 1,1-Dichloroethane	3.191	63	93273	6.013	ug/L	99
21) 2-Butanone	3.976	43	77196	61.445	ug/L	84
22) cis-1,2-Dichloroethene	3.912	96	57125	6.051	ug/L	95
23) Bromochloromethane	4.249	128	24306	6.172	ug/L	93
25) Chloroform	4.375	83	105848	6.150	ug/L	100

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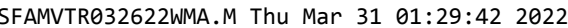
Instrument :
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 ClientSampleId :

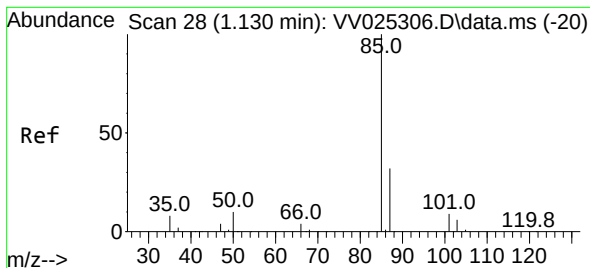
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	53572	6.027	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	92056	6.012	ug/L	99
30) Cyclohexane	4.680	56	74590	5.447	ug/L	98
31) Carbon tetrachloride	4.828	117	81378	6.140	ug/L	97
33) Benzene	5.101	78	223901	6.028	ug/L	100
34) Trichloroethene	5.915	95	59645	5.848	ug/L	95
35) Methylcyclohexane	6.130	83	88147	5.516	ug/L	99
37) 1,2-Dichloropropane	6.172	63	50600	5.873	ug/L	99
38) Bromodichloromethane	6.510	83	64550	5.914	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	64001	5.728	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	206864	60.132	ug/L	99
42) Toluene	7.387	91	242206	6.108	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	51397	5.852	ug/L	94
45) 1,1,2-Trichloroethane	7.838	97	35494	6.017	ug/L	97
47) Tetrachloroethene	7.976	164	45965	6.112	ug/L	98
48) 2-Hexanone	8.137	43	144233	58.620	ug/L	97
49) Dibromochloromethane	8.246	129	38455	6.057	ug/L	93
50) 1,2-Dibromoethane	8.352	107	32336	5.883	ug/L #	96
51) Chlorobenzene	8.879	112	154175	6.021	ug/L	99
52) Ethylbenzene	9.011	91	249678	5.937	ug/L	97
53) m,p-Xylene	9.137	106	101994	6.235	ug/L	99
54) o-Xylene	9.542	106	94806	6.063	ug/L	97
55) Styrene	9.561	104	155515	6.048	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	36680	5.964	ug/L	98
59) Bromoform	9.731	173	16408	6.538	ug/L	99
60) Isopropylbenzene	9.931	105	250209	6.145	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	28152	6.060	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	104871	5.744	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	195454	6.000	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	117090	6.140	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	115538	6.050	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	103952	6.194	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4801	5.772	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.644	180	82395	5.990	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	61667	5.941	ug/L	98
71) Naphthalene	13.500	128	90853	5.617	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53946	6.032	ug/L	98

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

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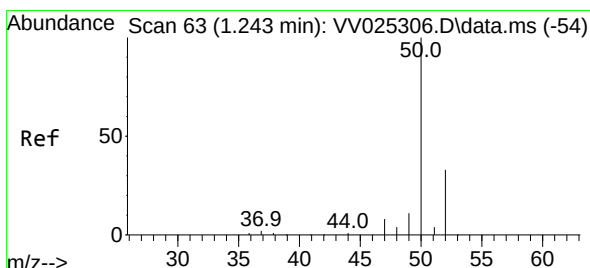
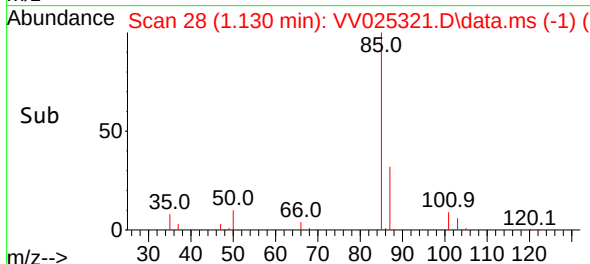
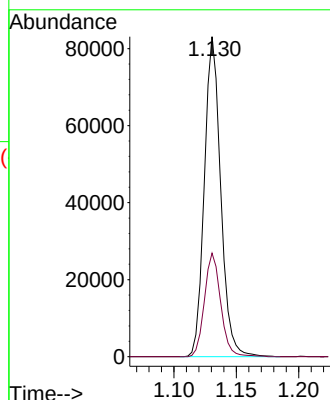
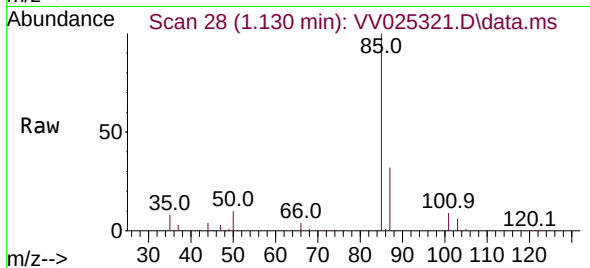




#2
 Dichlorodifluoromethane
 Concen: 5.921 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025321.D
 Acq: 30 Mar 2022 17:14

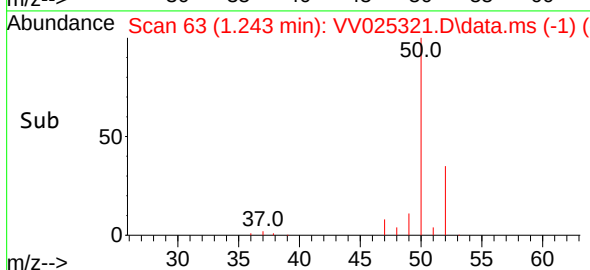
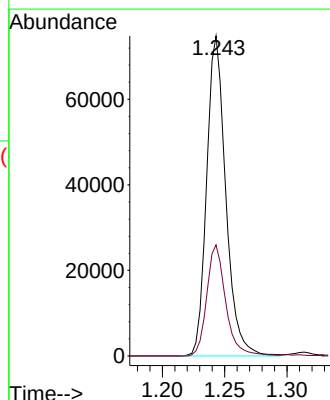
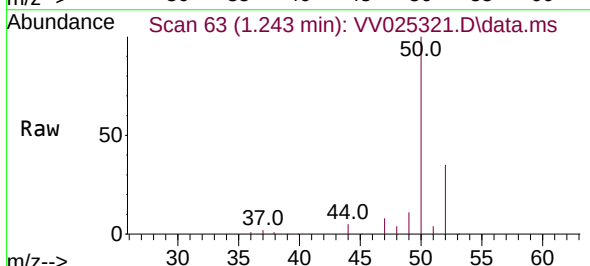
Instrument :
 MSVOA_V
 ClientSampleId :

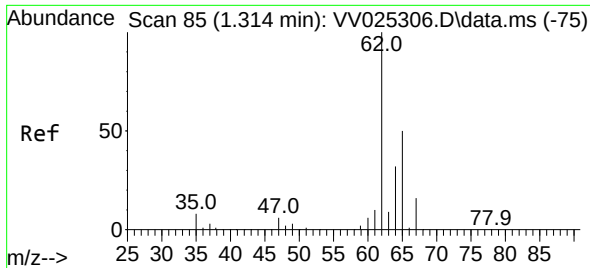
Tgt Ion: 85 Resp: 76048
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 5.273 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025321.D
 Acq: 30 Mar 2022 17:14

Tgt Ion: 50 Resp: 79892
 Ion Ratio Lower Upper
 50 100
 52 34.7 22.9 42.5

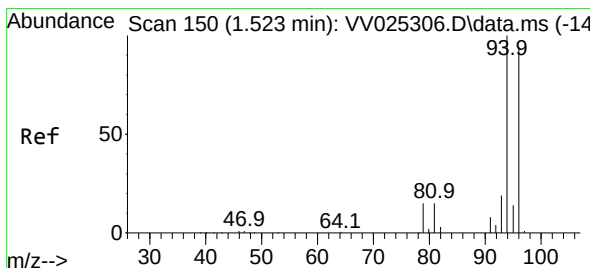
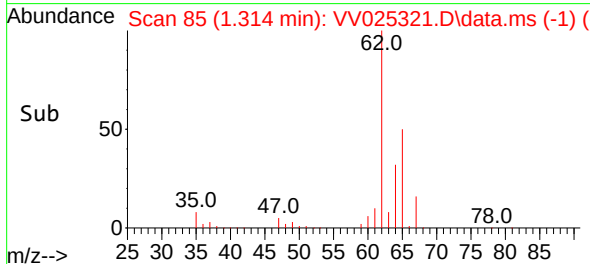
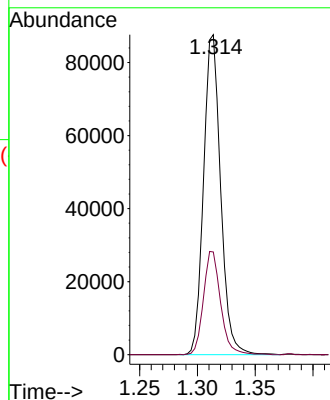
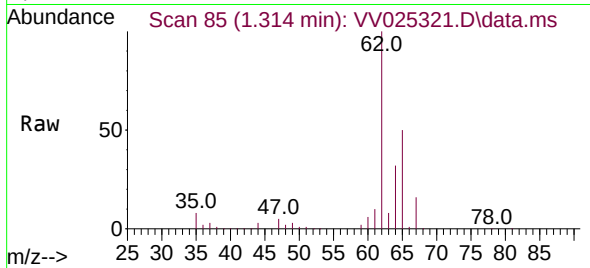




#5
 Vinyl chloride
 Concen: 5.325 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025321.D
 Acq: 30 Mar 2022 17:14

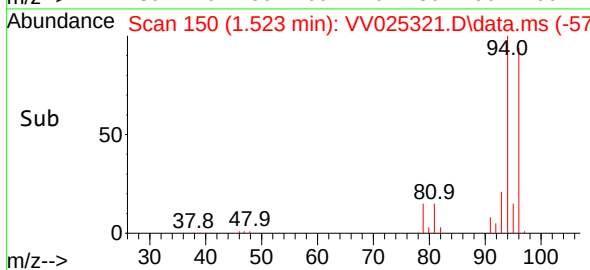
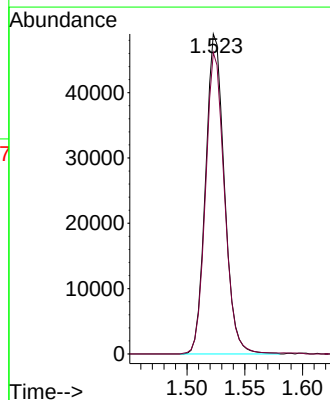
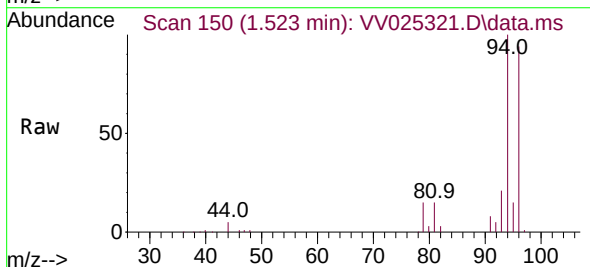
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 ClientSampleId :

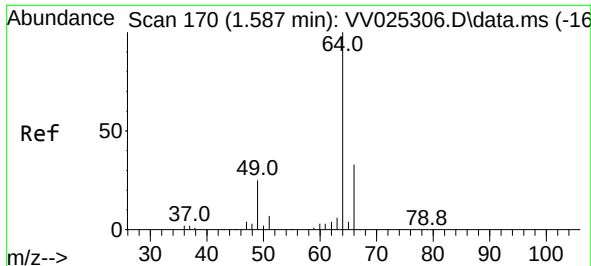
Tgt Ion: 62 Resp: 90111
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.0 40.8



#6
 Bromomethane
 Concen: 5.528 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025321.D
 Acq: 30 Mar 2022 17:14

Tgt Ion: 94 Resp: 55523
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.5 121.7

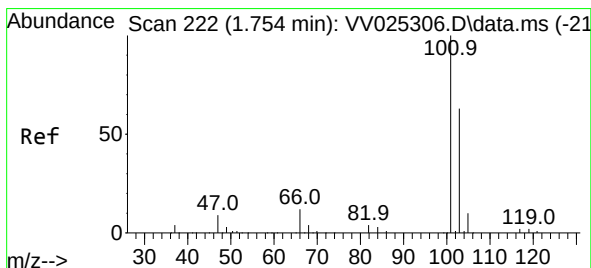
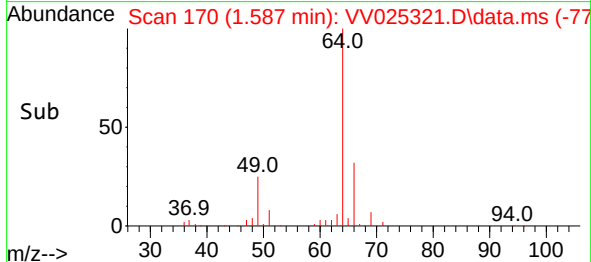
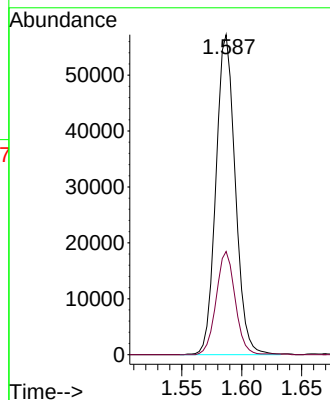
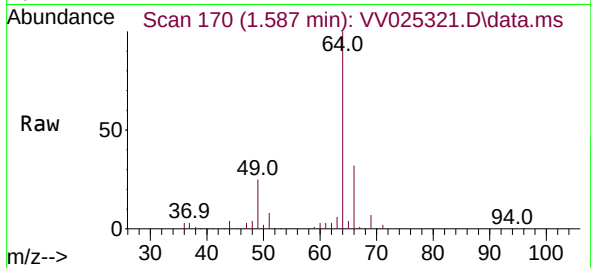




#8
Chloroethane
Concen: 6.030 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

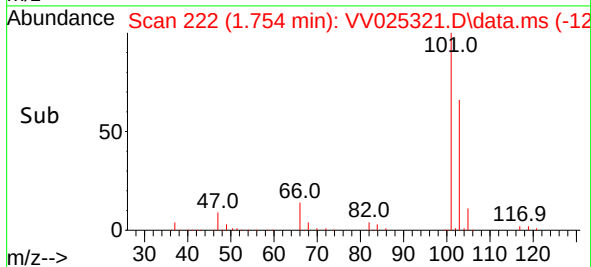
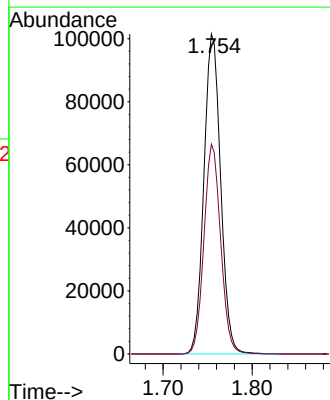
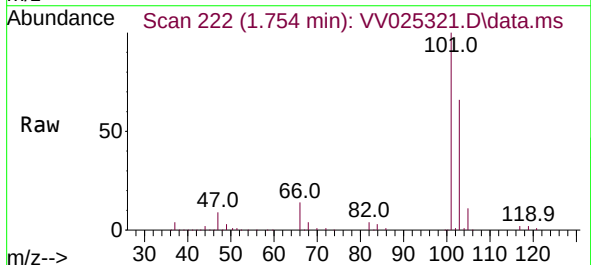
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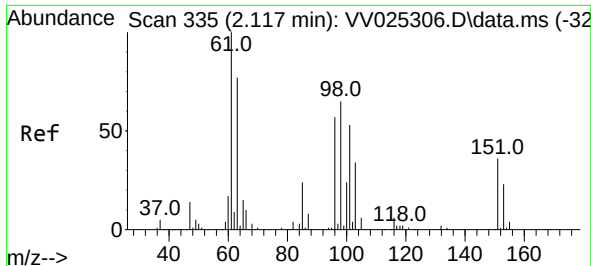
Tgt Ion: 64 Resp: 64034
Ion Ratio Lower Upper
64 100
66 32.2 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.785 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

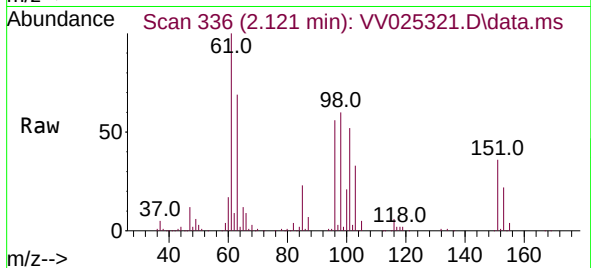
Tgt Ion:101 Resp: 132333
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.2



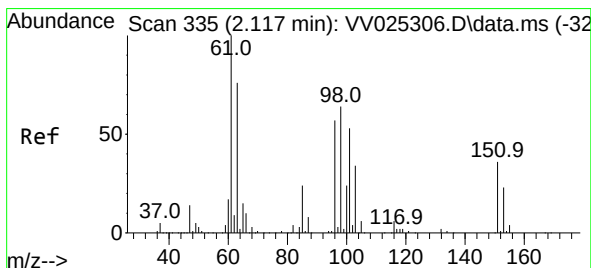
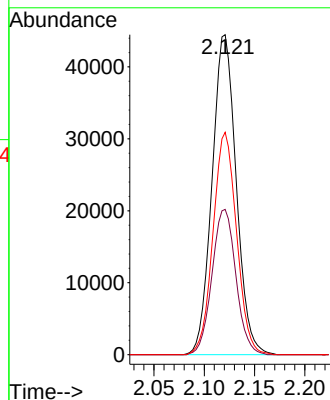
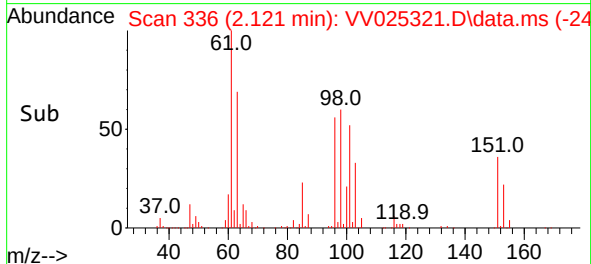


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.473 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025321.D
 Acq: 30 Mar 2022 17:14

Instrument :
 MSVOA_V
 ClientSampleId :

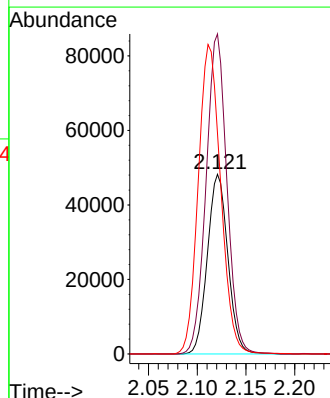
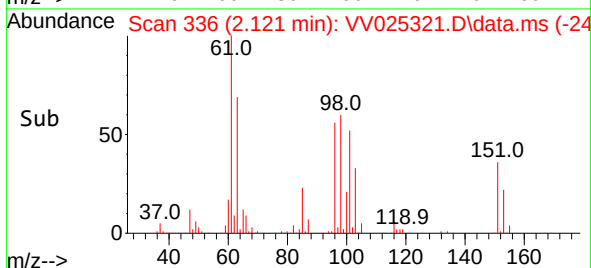
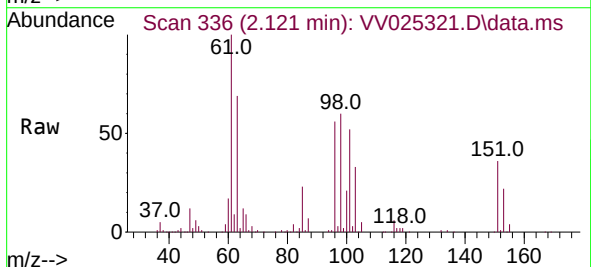


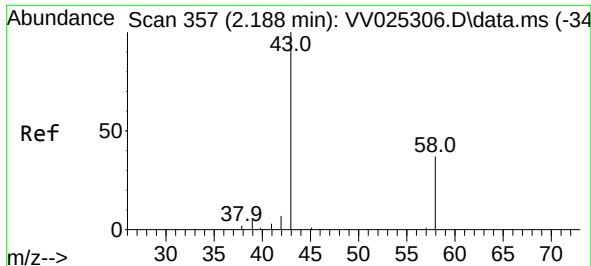
Tgt Ion:101 Resp: 74362
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.0 54.0
 151 67.8 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 5.432 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025321.D
 Acq: 30 Mar 2022 17:14

Tgt Ion: 96 Resp: 70324
 Ion Ratio Lower Upper
 96 100
 61 178.1 121.5 225.7
 63 123.0 77.9 144.7





#13

Acetone

Concen: 60.906 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_V

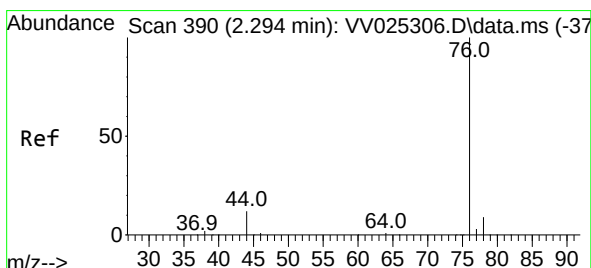
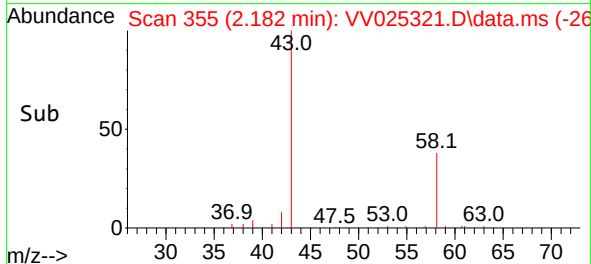
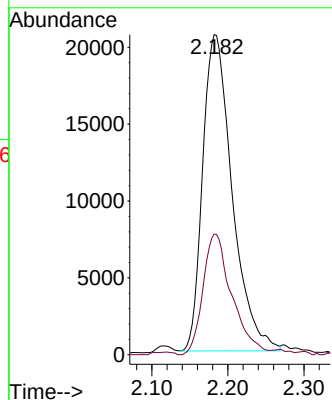
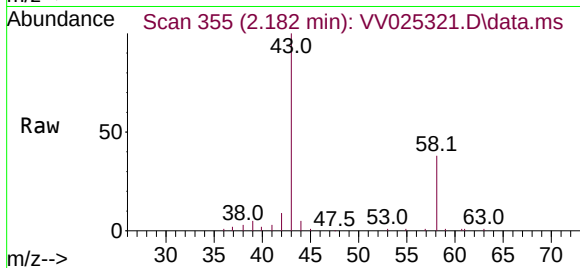
ClientSampleId :

Tgt Ion: 43 Resp: 55609

Ion Ratio Lower Upper

43 100

58 37.3 0.0 51.2



#14

Carbon disulfide

Concen: 5.644 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025321.D

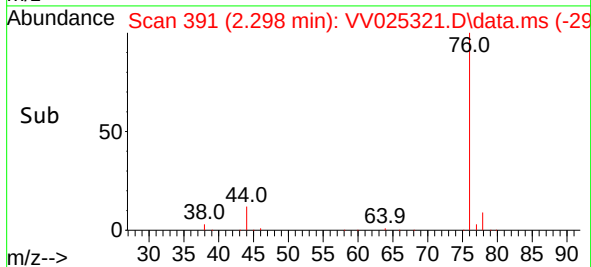
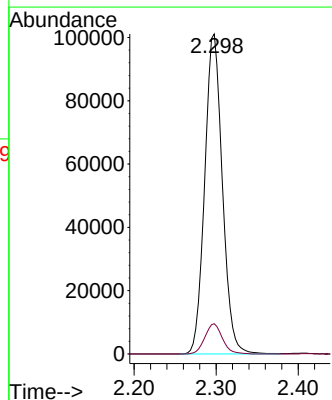
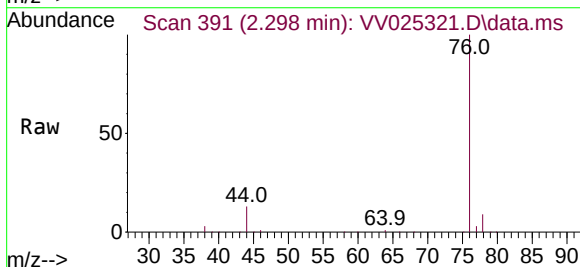
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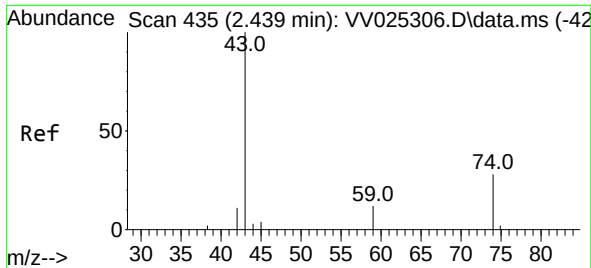
Tgt Ion: 76 Resp: 151385

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4





#15

Methyl Acetate

Concen: 6.695 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_V

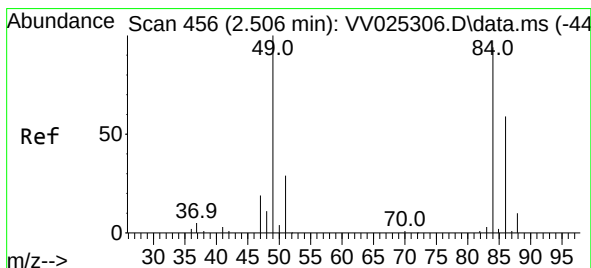
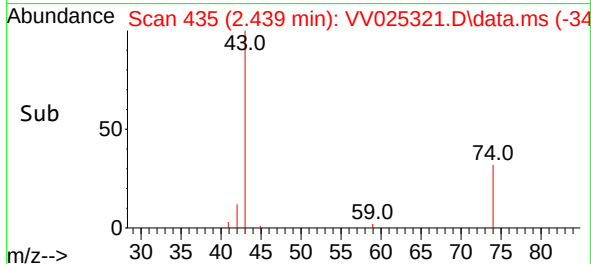
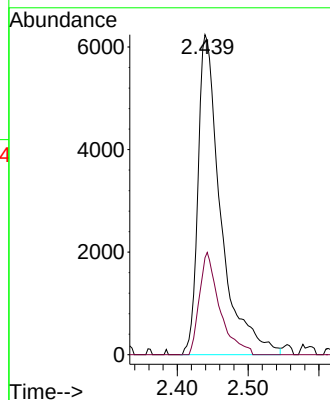
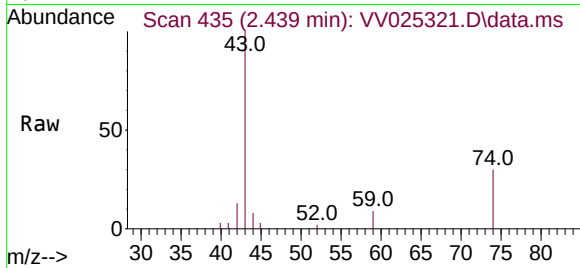
ClientSampleId :

Tgt Ion: 43 Resp: 13916

Ion Ratio Lower Upper

43 100

74 28.4 20.9 31.3



#16

Methylene chloride

Concen: 5.399 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

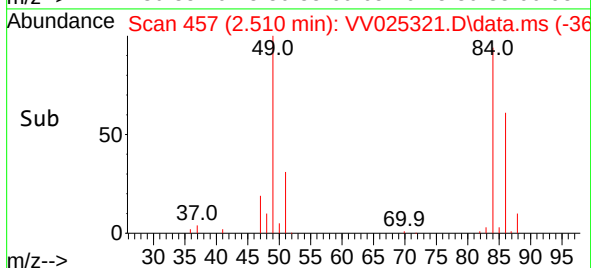
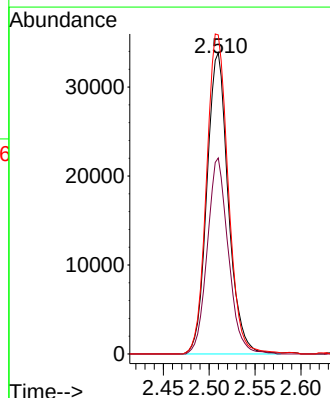
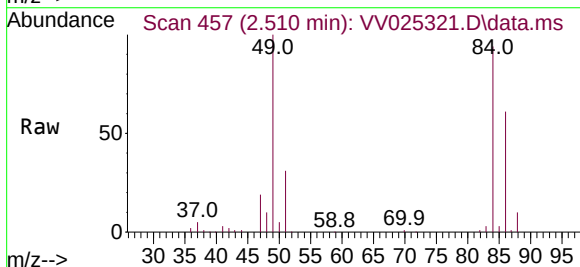
Tgt Ion: 84 Resp: 54883

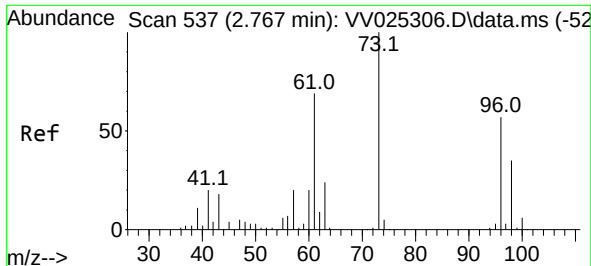
Ion Ratio Lower Upper

84 100

86 65.1 43.5 80.7

49 106.0 74.5 138.3





#17

Methyl tert-butyl Ether

Concen: 5.880 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

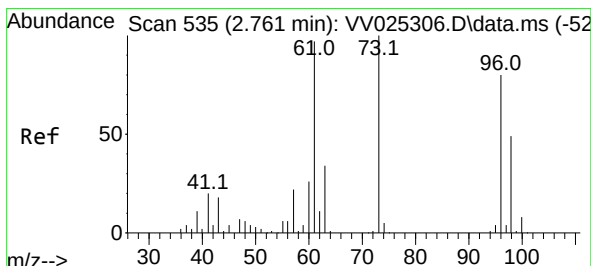
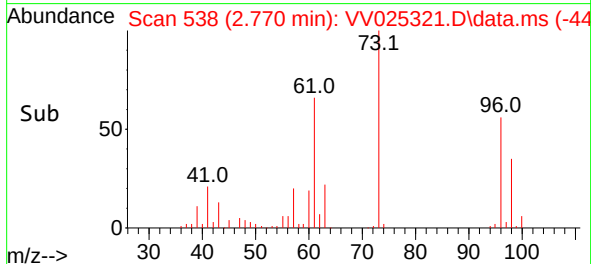
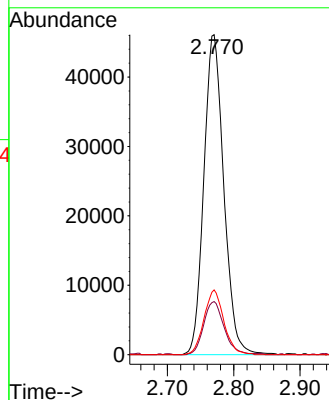
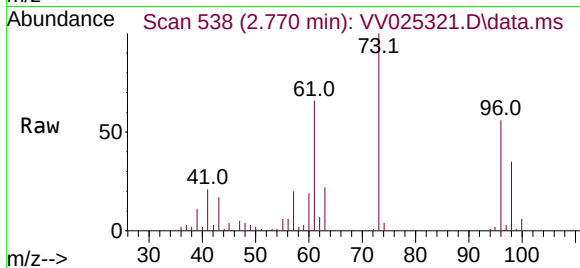
Tgt Ion: 73 Resp: 96308

Ion Ratio Lower Upper

73 100

43 17.1 13.5 20.3

57 20.1 16.4 24.6



#18

trans-1,2-Dichloroethene

Concen: 5.921 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

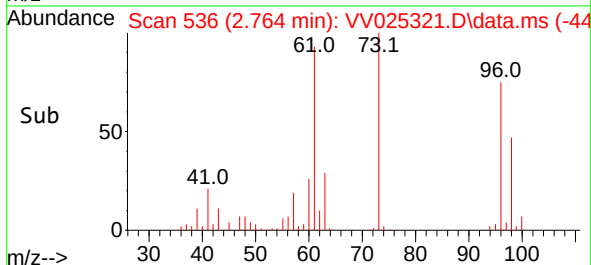
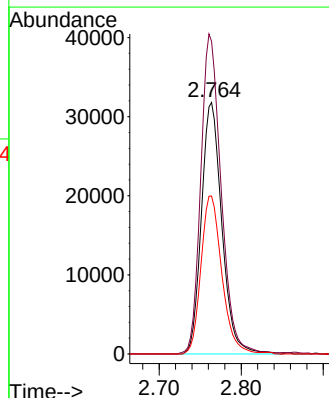
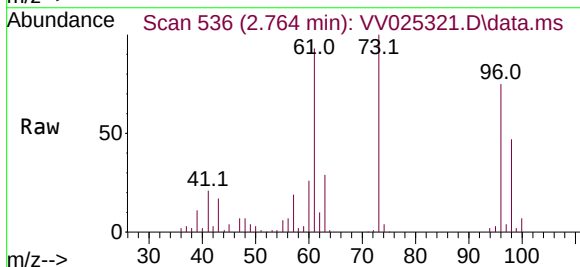
Tgt Ion: 96 Resp: 55025

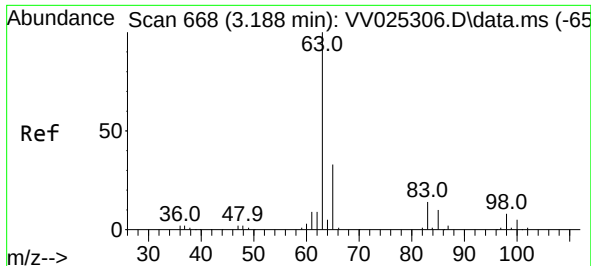
Ion Ratio Lower Upper

96 100

61 124.2 87.6 162.8

98 62.8 44.0 81.8





#19

1,1-Dichloroethane

Concen: 6.013 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

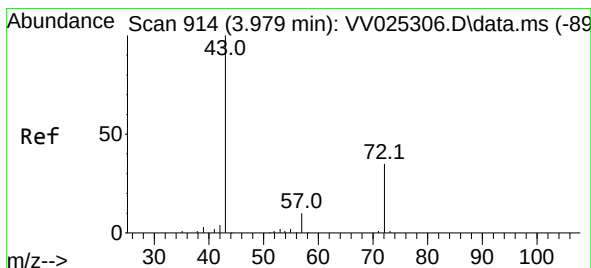
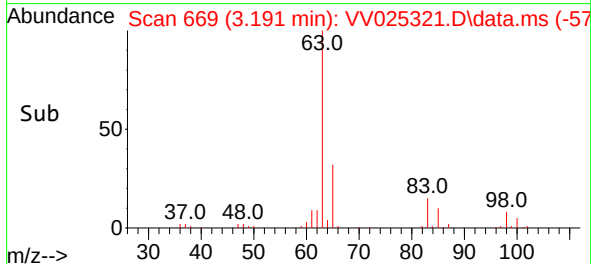
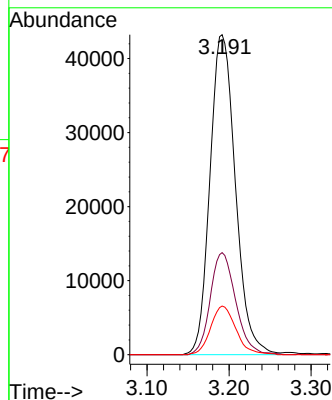
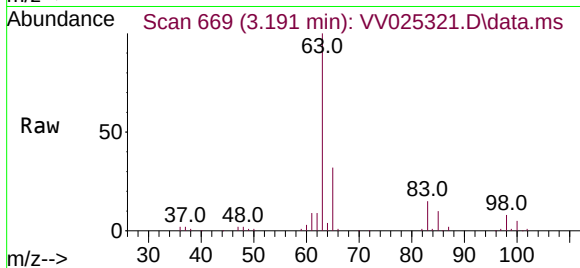
Tgt Ion: 63 Resp: 93273

Ion Ratio Lower Upper

63 100

65 31.9 22.0 40.8

83 15.2 10.2 19.0



#21

2-Butanone

Concen: 61.445 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.003 min

Lab File: VV025321.D

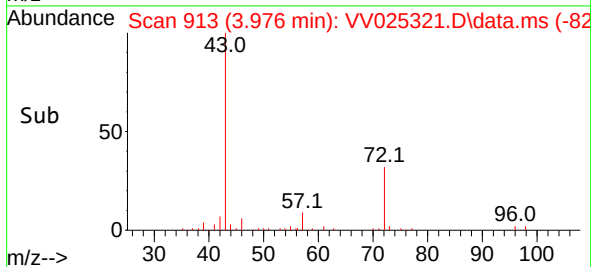
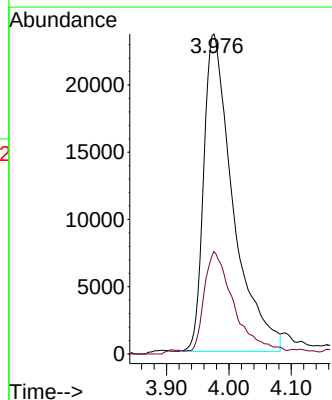
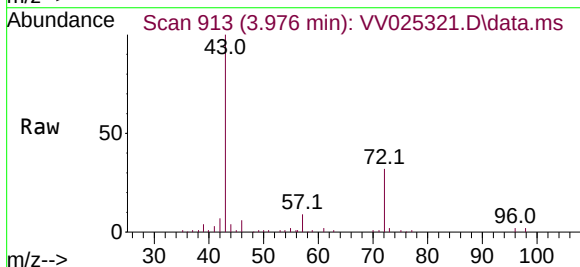
Acq: 30 Mar 2022 17:14

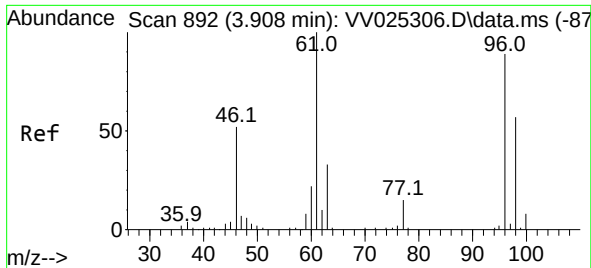
Tgt Ion: 43 Resp: 77196

Ion Ratio Lower Upper

43 100

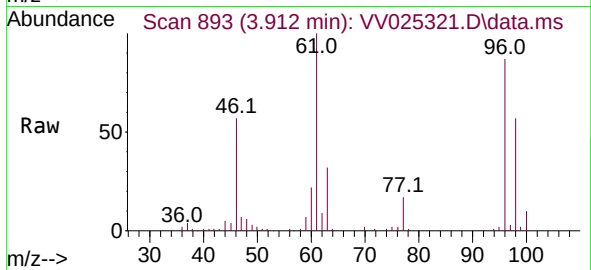
72 31.7 11.8 35.4



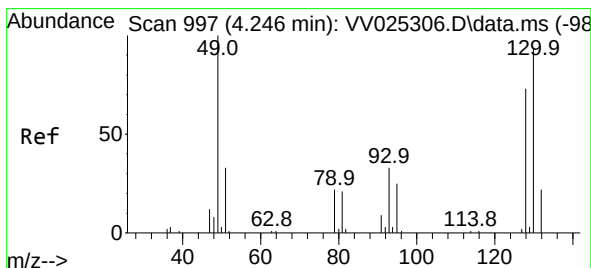
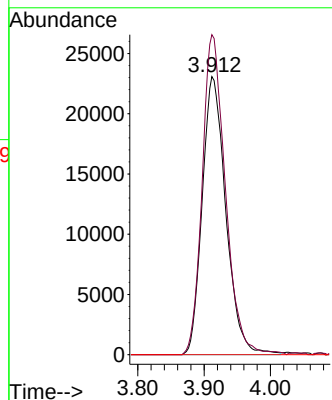
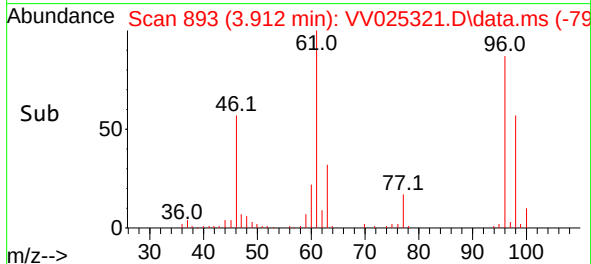


#22
 cis-1,2-Dichloroethene
 Concen: 6.051 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV025321.D
 Acq: 30 Mar 2022 17:14

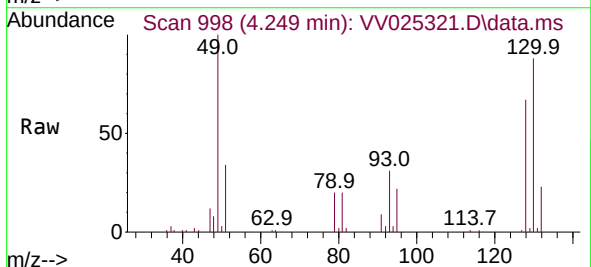
Instrument :
 MSVOA_V
 ClientSampleId :



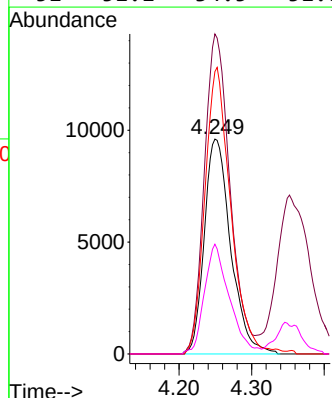
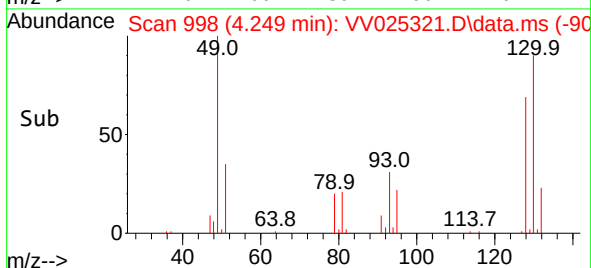
Tgt Ion: 96 Resp: 57125
 Ion Ratio Lower Upper
 96 100
 61 115.1 84.1 156.1
 68 0.0 0.0 0.0

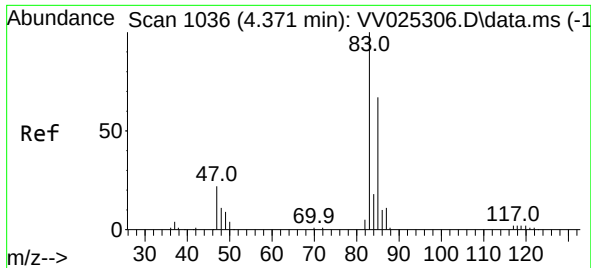


#23
 Bromochloromethane
 Concen: 6.172 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV025321.D
 Acq: 30 Mar 2022 17:14



Tgt Ion: 128 Resp: 24306
 Ion Ratio Lower Upper
 128 100
 49 149.0 101.4 188.4
 130 131.5 85.0 158.0
 51 51.1 34.5 51.7

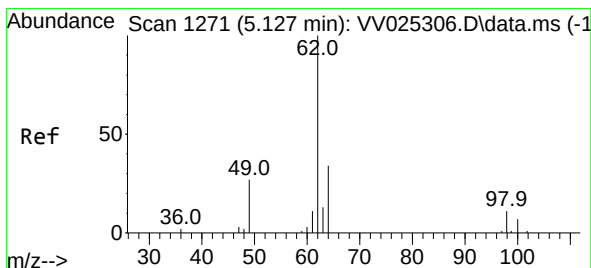
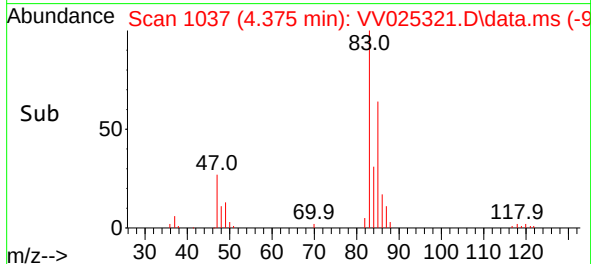
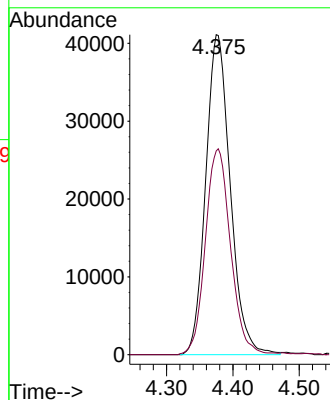
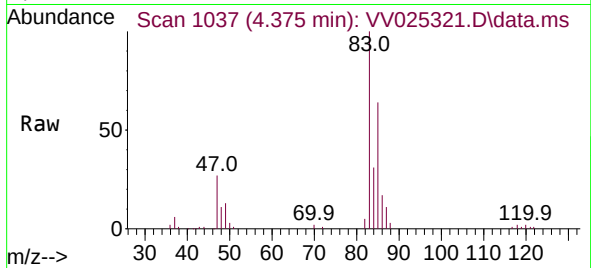




#25
Chloroform
Concen: 6.150 ug/L
RT: 4.375 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

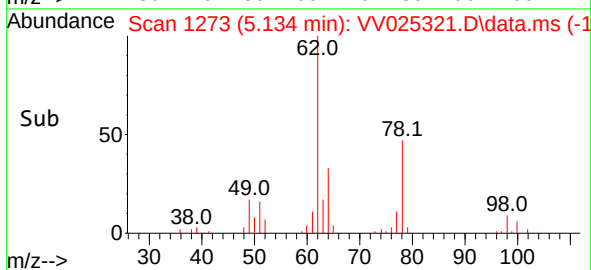
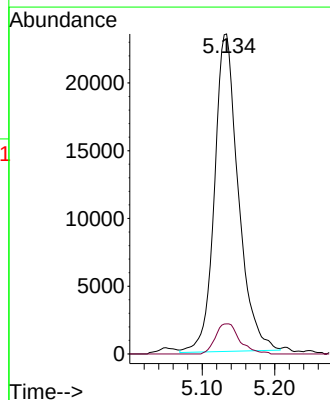
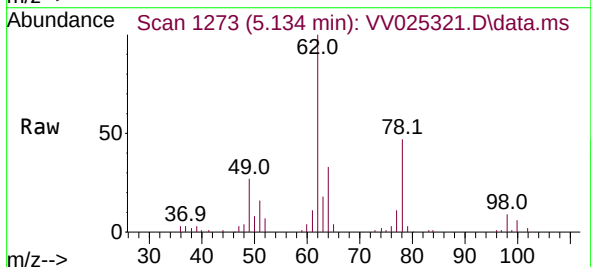
Instrument :
MSVOA_V
ClientSampleId :

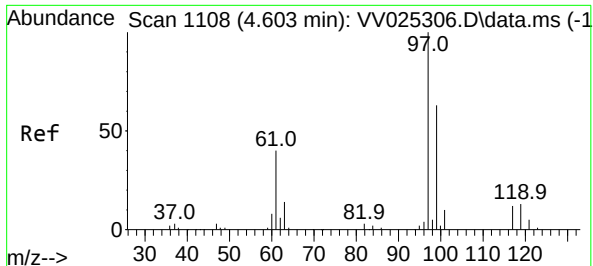
Tgt Ion: 83 Resp: 105848
Ion Ratio Lower Upper
83 100
85 63.7 44.7 82.9



#27
1,2-Dichloroethane
Concen: 6.027 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.007 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 62 Resp: 53572
Ion Ratio Lower Upper
62 100
98 9.4 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 6.012 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

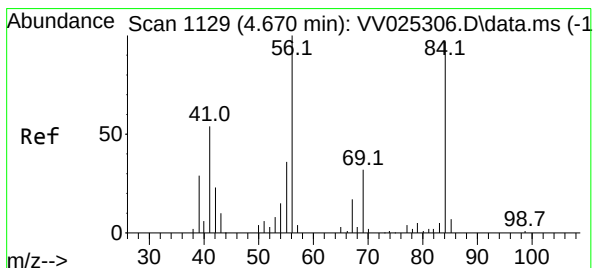
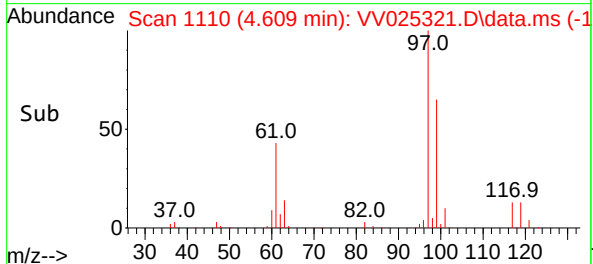
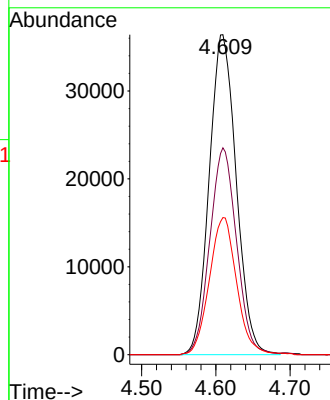
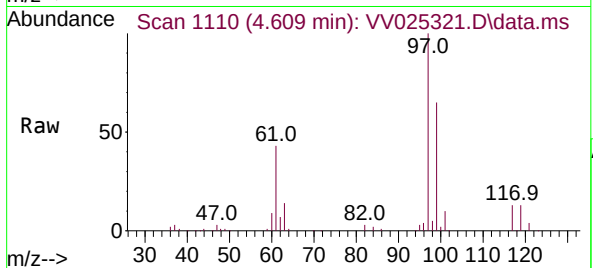
Tgt Ion: 97 Resp: 92056

Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 43.4 34.2 51.2



#30

Cyclohexane

Concen: 5.447 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.010 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

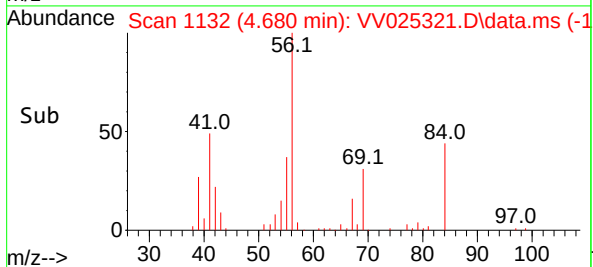
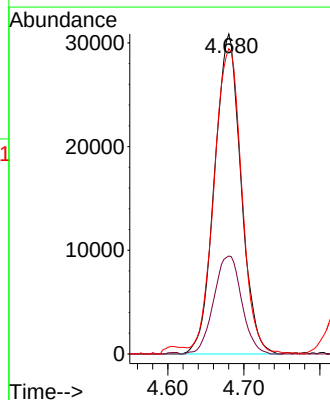
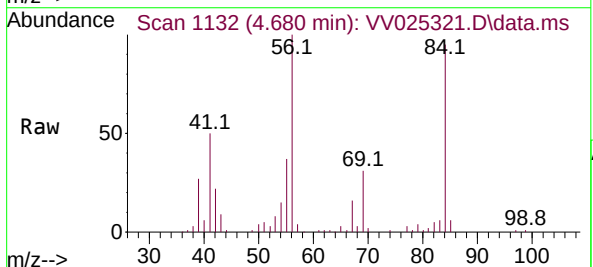
Tgt Ion: 56 Resp: 74590

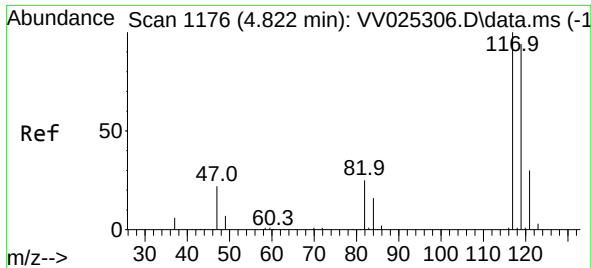
Ion Ratio Lower Upper

56 100

69 32.2 25.3 37.9

84 100.0 78.4 117.6

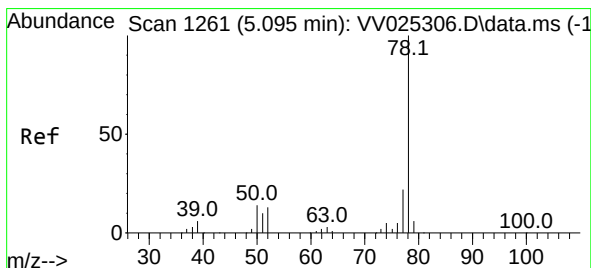
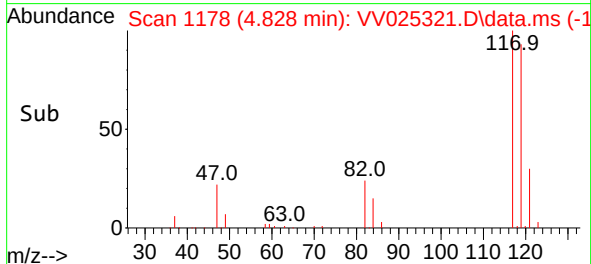
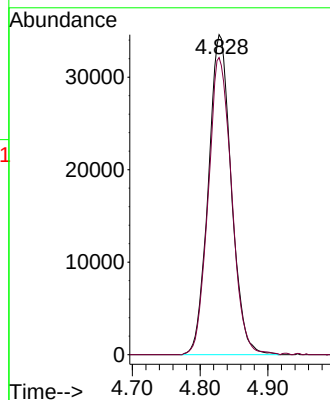
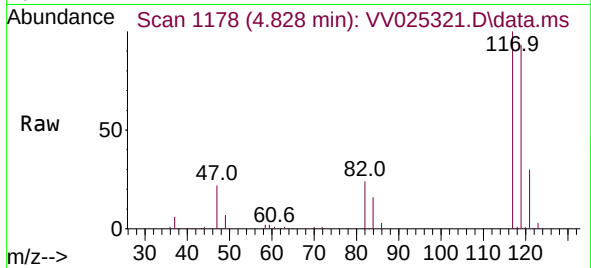




#31
Carbon tetrachloride
Concen: 6.140 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

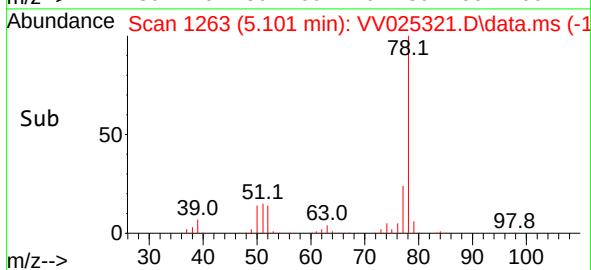
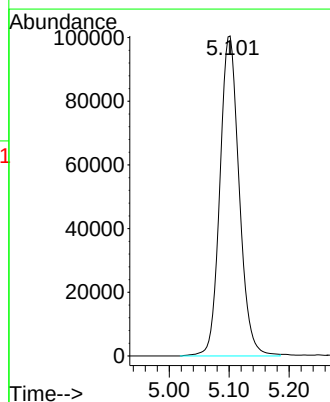
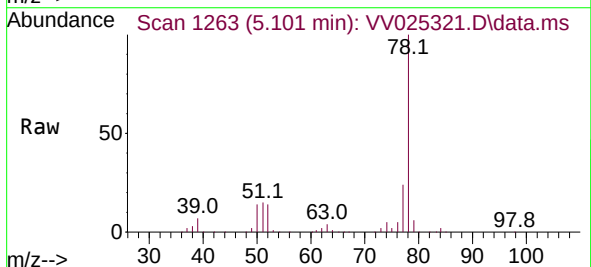
Instrument :
MSVOA_V
ClientSampleId :

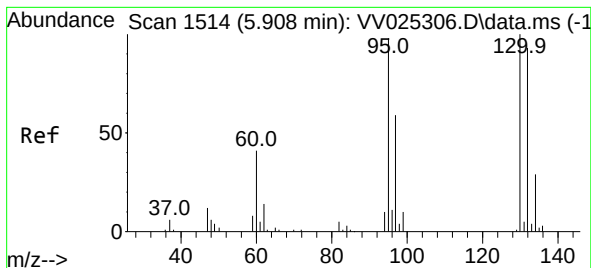
Tgt Ion:117 Resp: 81378
Ion Ratio Lower Upper
117 100
119 94.6 77.8 116.6



#33
Benzene
Concen: 6.028 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 78 Resp: 223901





#34

Trichloroethene

Concen: 5.848 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 59645

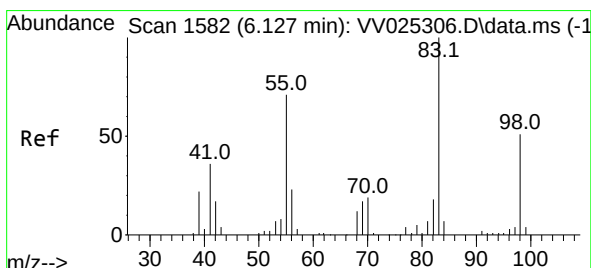
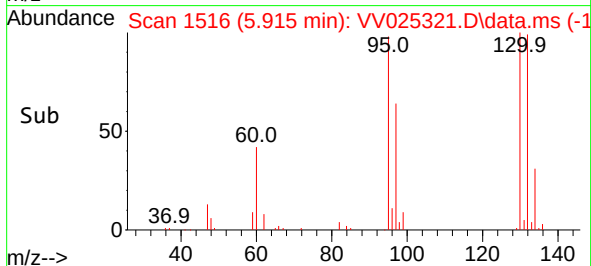
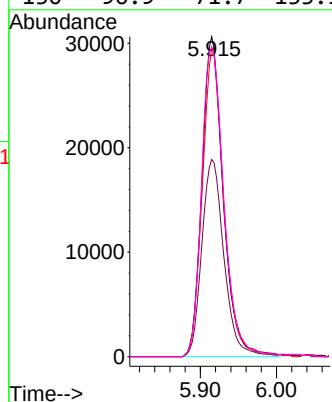
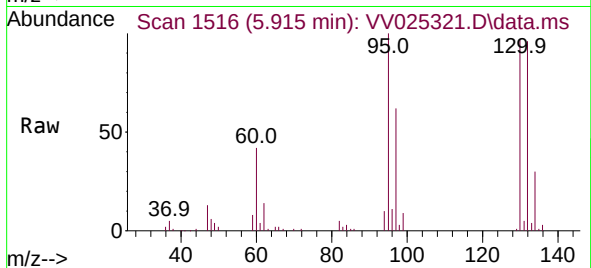
Ion Ratio Lower Upper

95 100

97 61.6 46.3 85.9

132 96.3 65.2 121.2

130 96.9 71.7 133.1



#35

Methylcyclohexane

Concen: 5.516 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

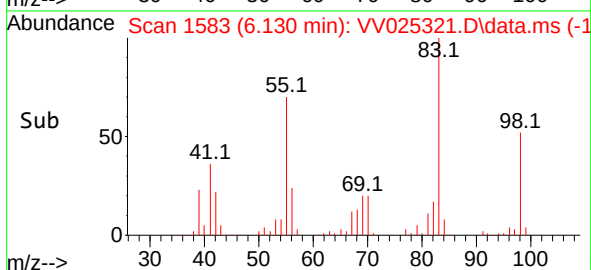
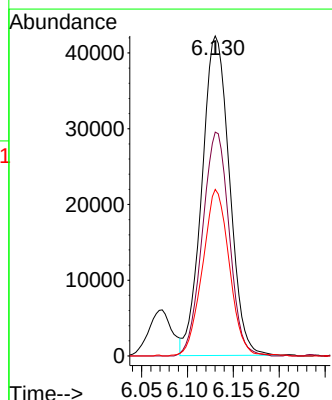
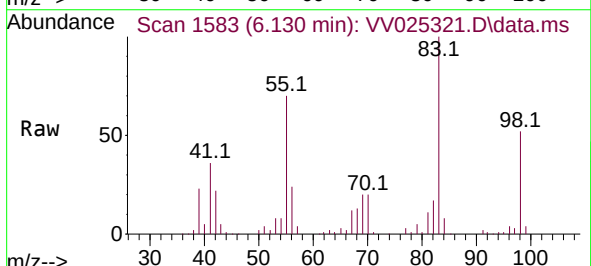
Tgt Ion: 83 Resp: 88147

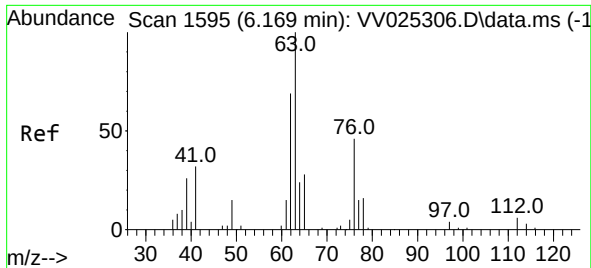
Ion Ratio Lower Upper

83 100

55 68.0 54.6 81.8

98 50.9 39.8 59.6

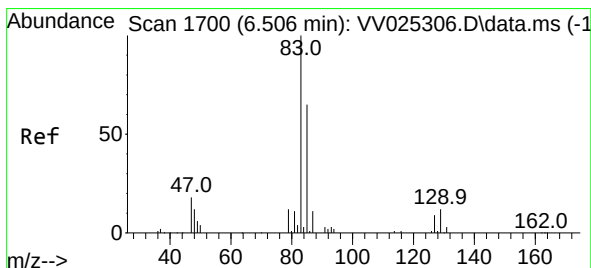
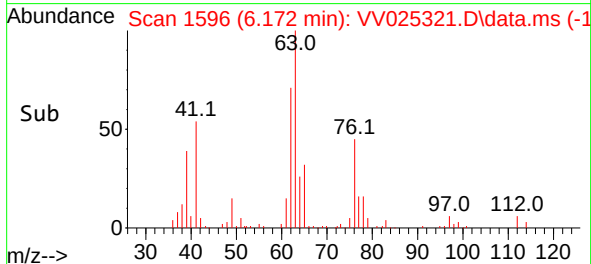
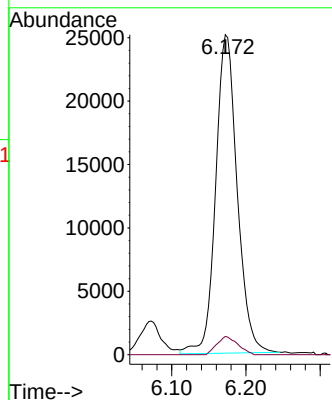
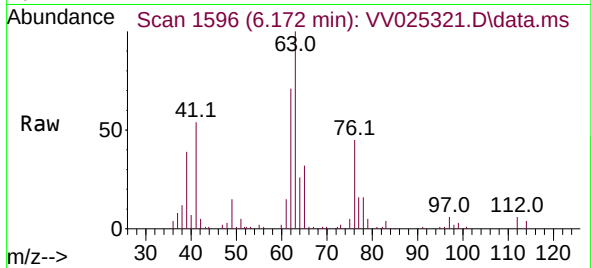




#37
1,2-Dichloropropane
Concen: 5.873 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

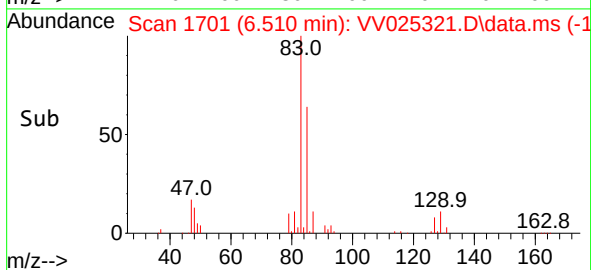
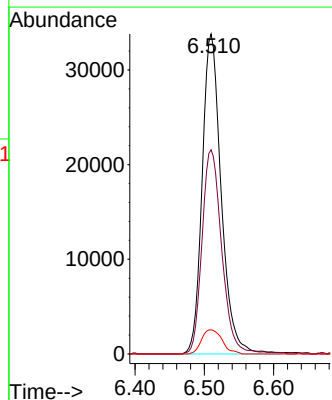
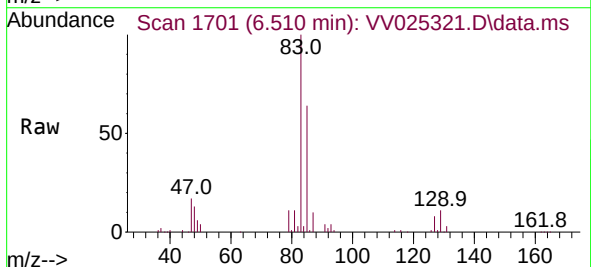
Instrument :
MSVOA_V
ClientSampleId :

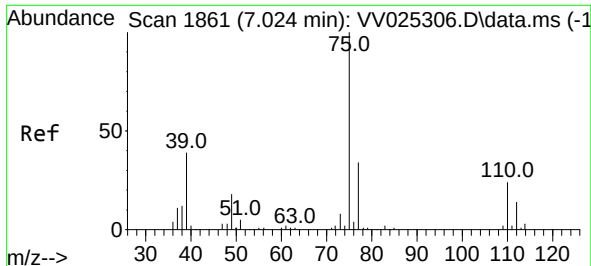
Tgt Ion: 63 Resp: 50600
Ion Ratio Lower Upper
63 100
112 5.5 4.2 6.2



#38
Bromodichloromethane
Concen: 5.914 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 83 Resp: 64550
Ion Ratio Lower Upper
83 100
85 63.8 47.2 87.6
127 7.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.728 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_V

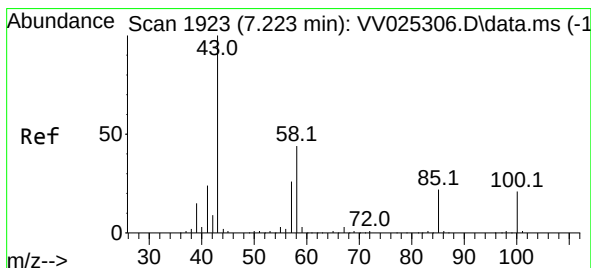
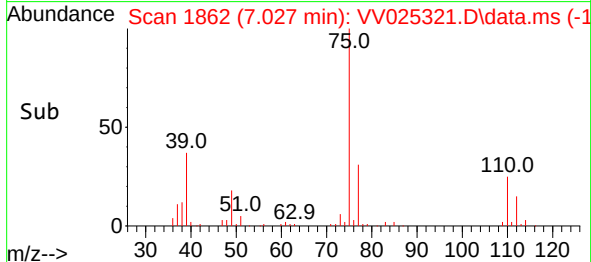
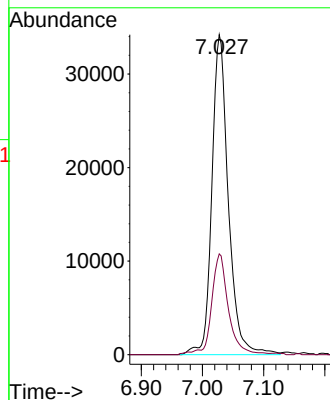
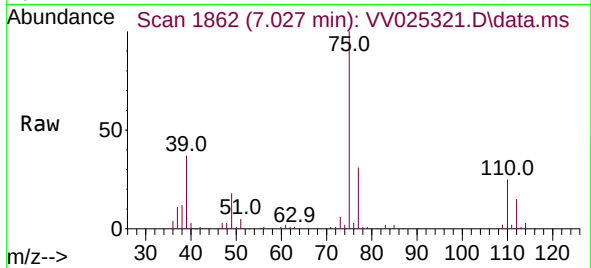
ClientSampleId :

Tgt Ion: 75 Resp: 64001

Ion Ratio Lower Upper

75 100

77 31.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 60.132 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

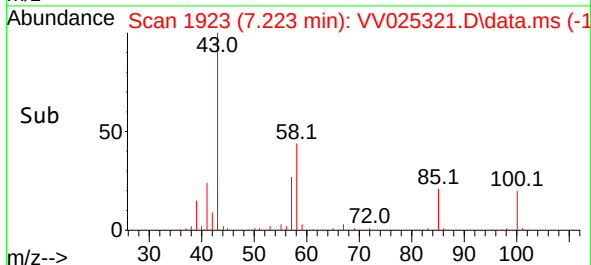
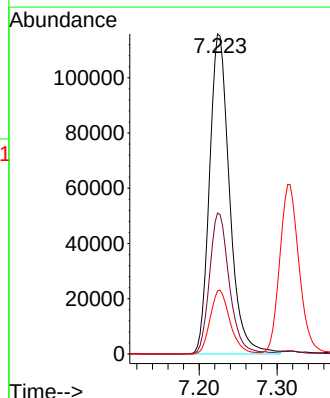
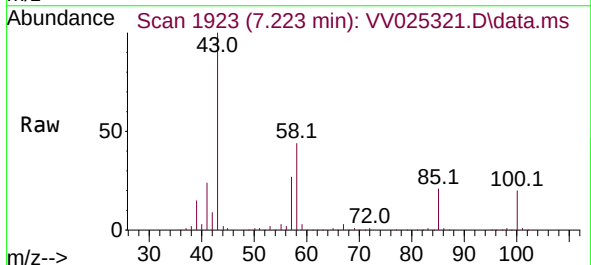
Tgt Ion: 43 Resp: 206864

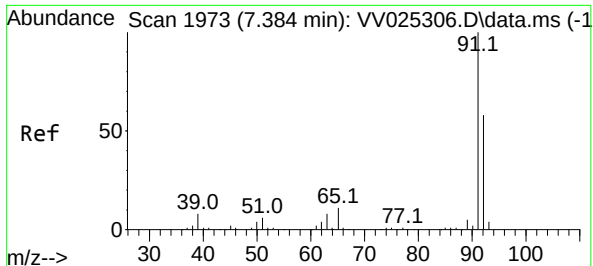
Ion Ratio Lower Upper

43 100

58 43.6 35.1 52.7

100 19.7 15.5 23.3





#42

Toluene

Concen: 6.108 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_V

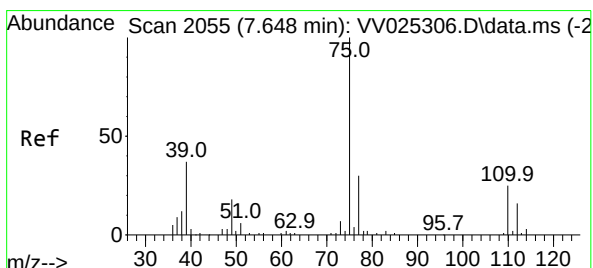
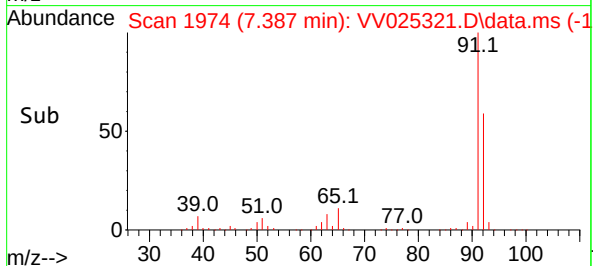
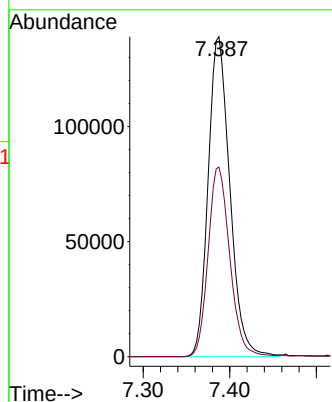
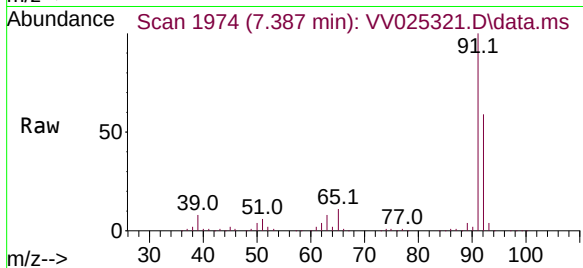
ClientSampleId :

Tgt Ion: 91 Resp: 242206

Ion Ratio Lower Upper

91 100

92 59.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.852 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025321.D

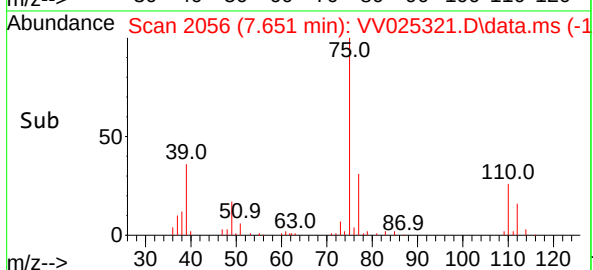
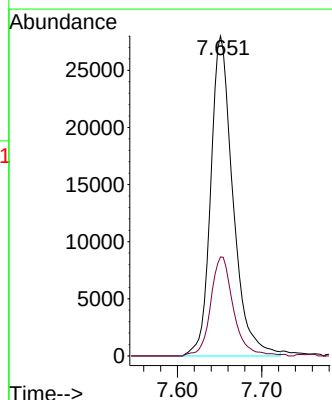
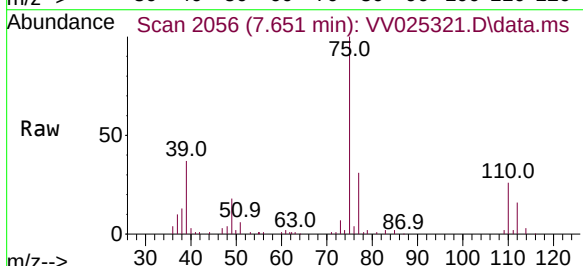
Acq: 30 Mar 2022 17:14

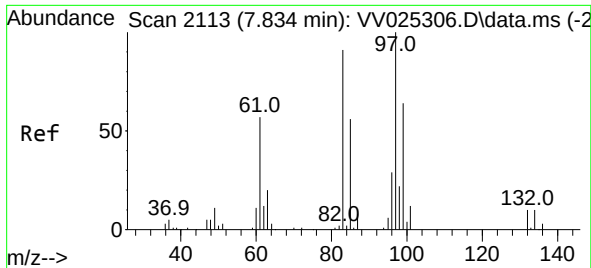
Tgt Ion: 75 Resp: 51397

Ion Ratio Lower Upper

75 100

77 31.0 24.2 45.0

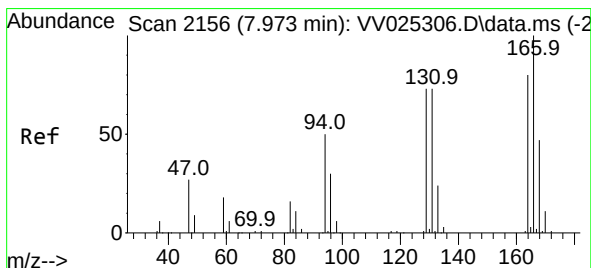
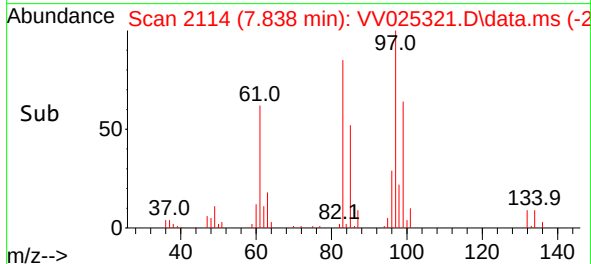
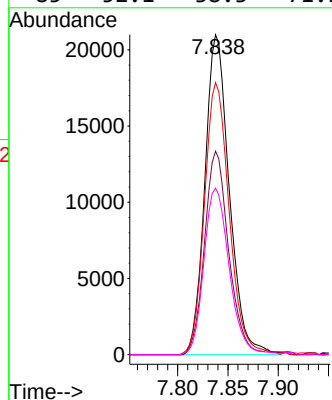
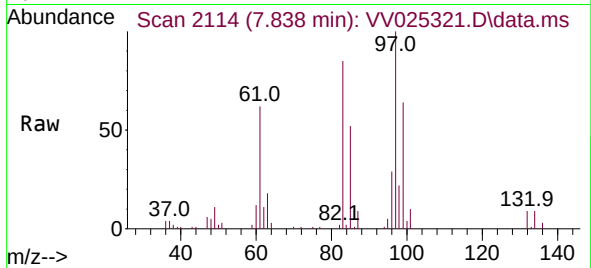




#45
1,1,2-Trichloroethane
Concen: 6.017 ug/L
RT: 7.838 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

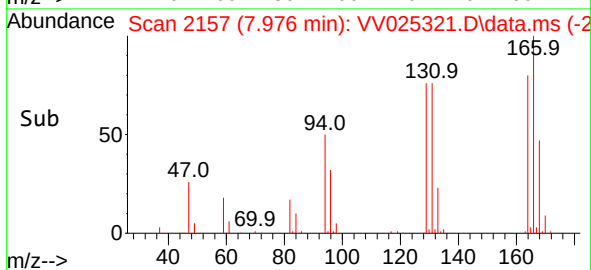
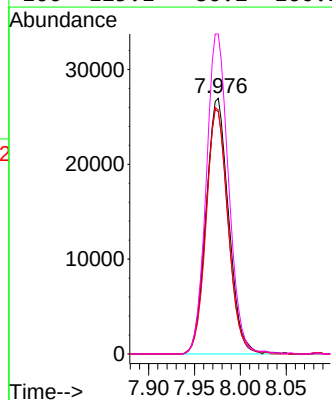
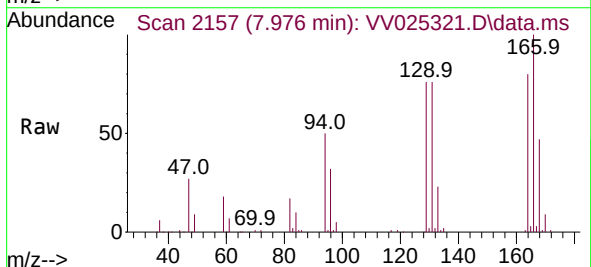
Instrument :
MSVOA_V
ClientSampleId :

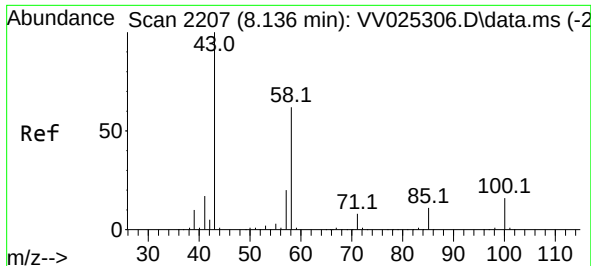
Tgt Ion: 97	Resp: 35494
Ion Ratio	Lower Upper
97 100	
99 63.6	43.3 80.5
83 85.1	58.0 107.6
85 52.1	38.3 71.1



#47
Tetrachloroethene
Concen: 6.112 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 164	Resp: 45965
Ion Ratio	Lower Upper
164 100	
129 94.8	67.5 125.4
131 95.4	68.0 126.4
166 125.1	86.2 160.2



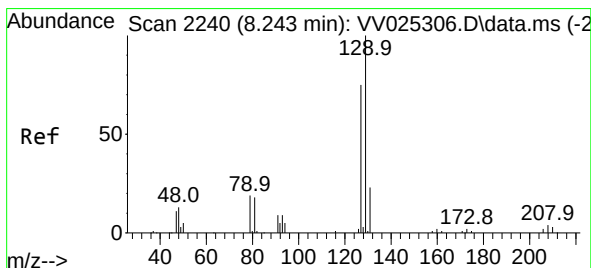
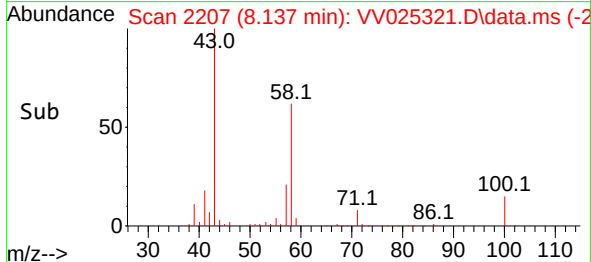
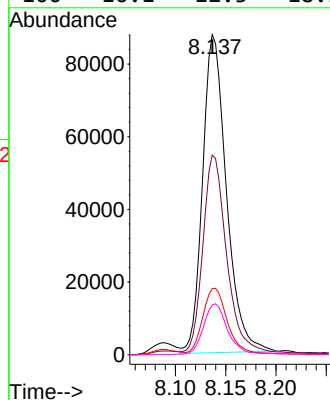
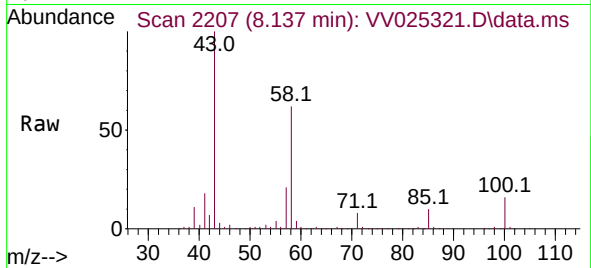


#48
2-Hexanone
Concen: 58.620 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 144233

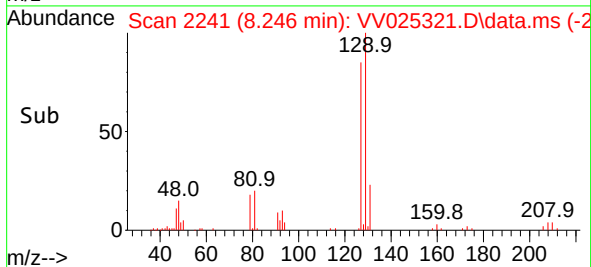
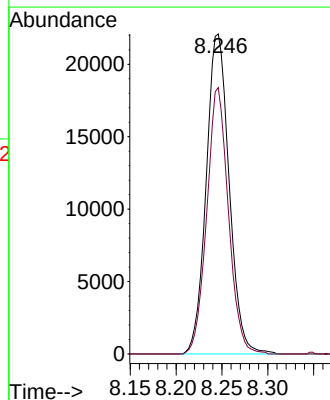
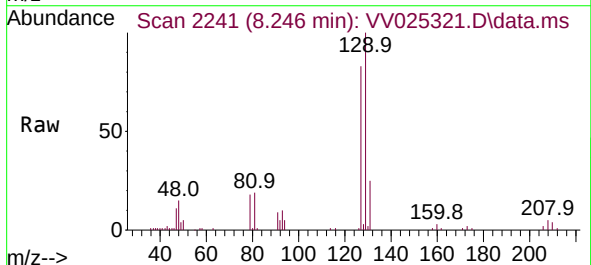
Ion	Ratio	Lower	Upper
43	100		
58	63.5	48.5	72.7
57	22.2	16.9	25.3
100	16.1	12.3	18.5

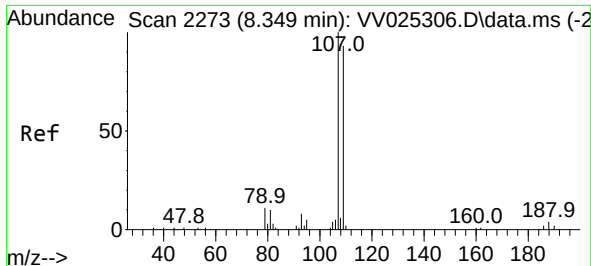


#49
Dibromochloromethane
Concen: 6.057 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 129 Resp: 38455

Ion	Ratio	Lower	Upper
129	100		
127	83.3	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.883 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025321.D

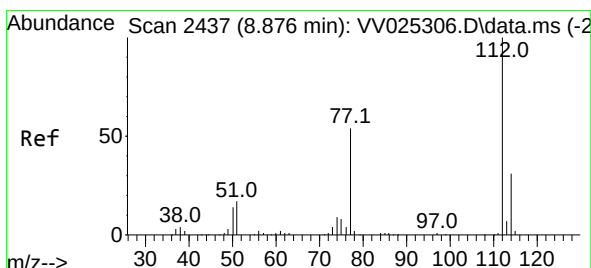
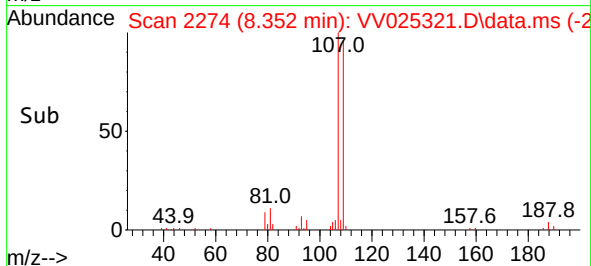
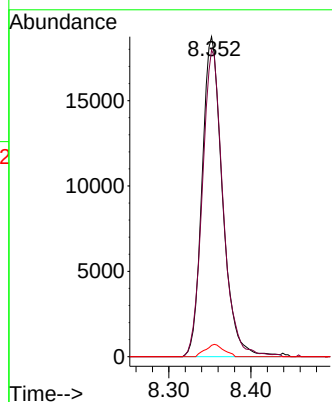
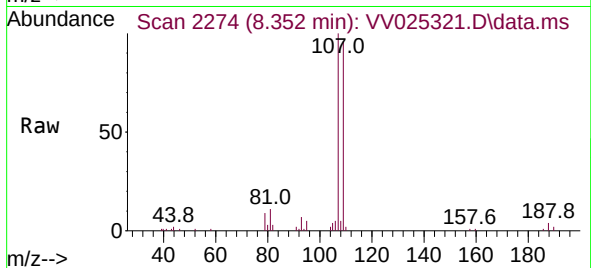
Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	32336
Ion Ratio	Lower	Upper
107	100	
109	95.9	64.7 120.1
188	3.5	2.2 3.4#



#51

Chlorobenzene

Concen: 6.021 ug/L

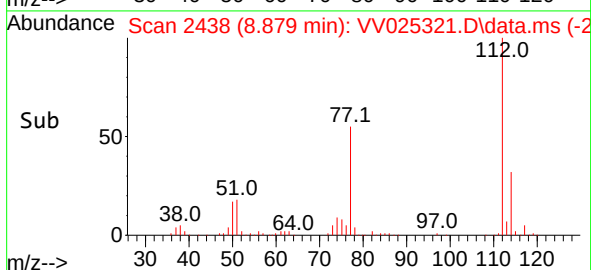
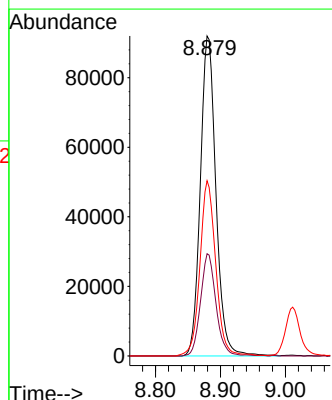
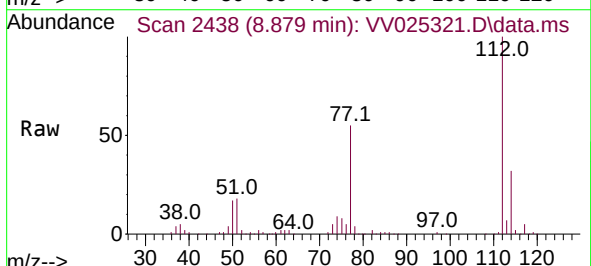
RT: 8.879 min Scan# 2438

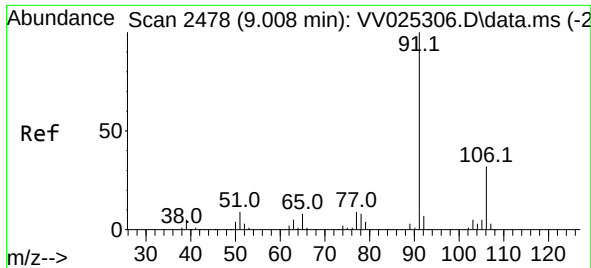
Delta R.T. 0.003 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Tgt Ion:112	Resp:	154175
Ion Ratio	Lower	Upper
112	100	
114	32.0	21.9 40.7
77	54.7	44.2 66.4

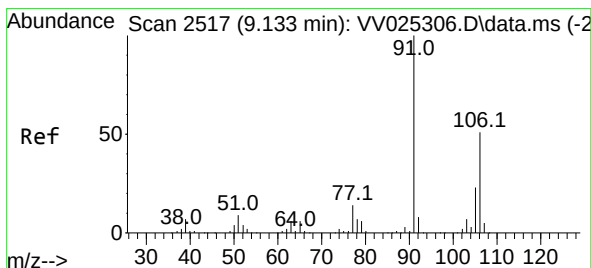
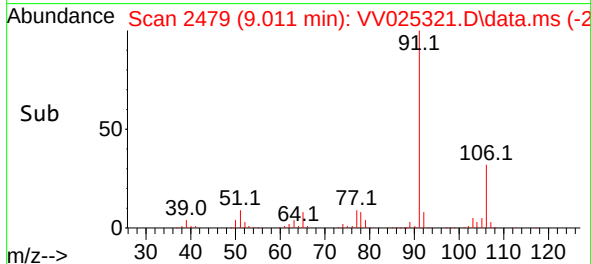
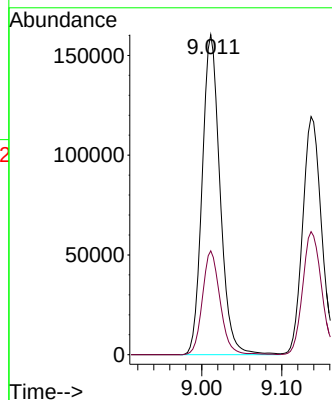
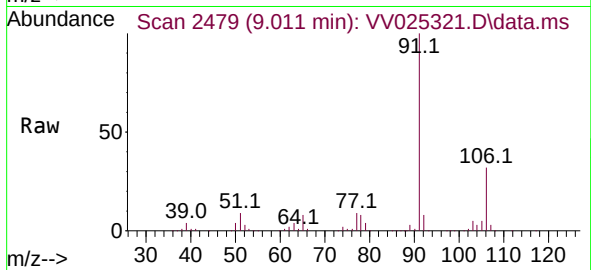




#52
Ethylbenzene
Concen: 5.937 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

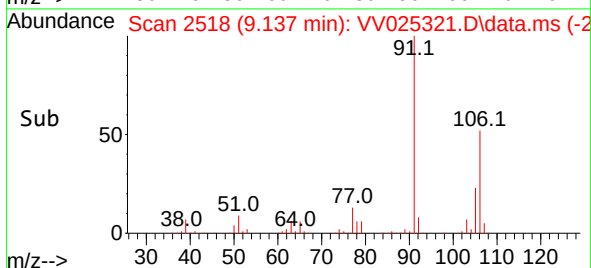
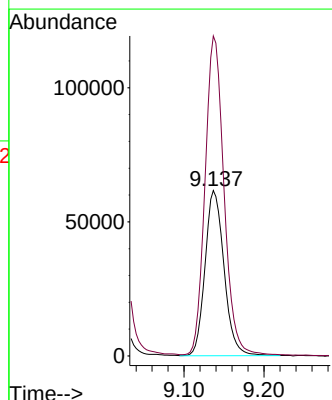
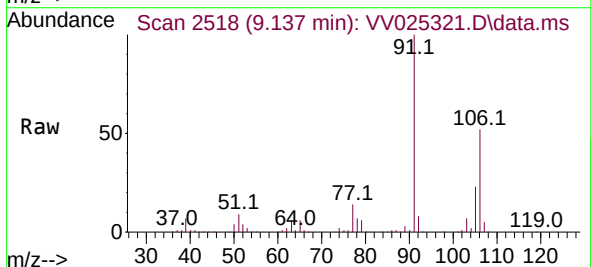
Instrument :
MSVOA_V
ClientSampleId :

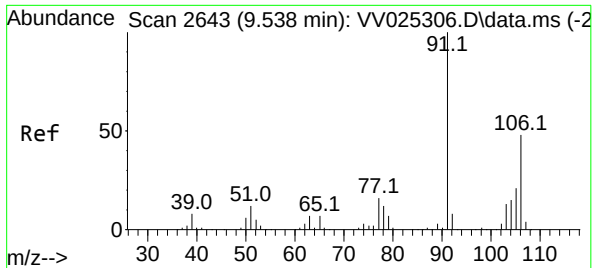
Tgt Ion: 91 Resp: 249678
Ion Ratio Lower Upper
91 100
106 32.4 21.7 40.3



#53
m,p-Xylene
Concen: 6.235 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 106 Resp: 101994
Ion Ratio Lower Upper
106 100
91 193.5 136.8 254.0

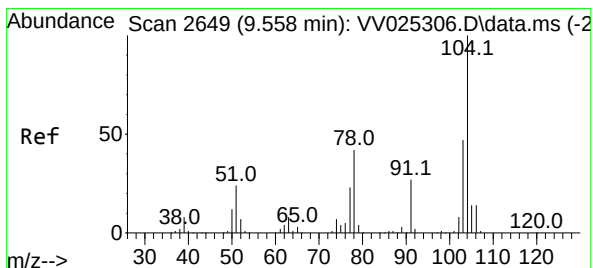
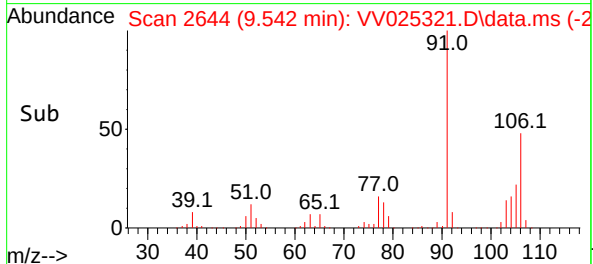
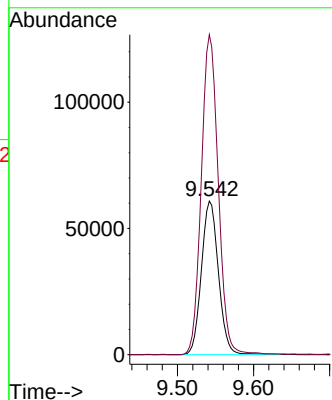
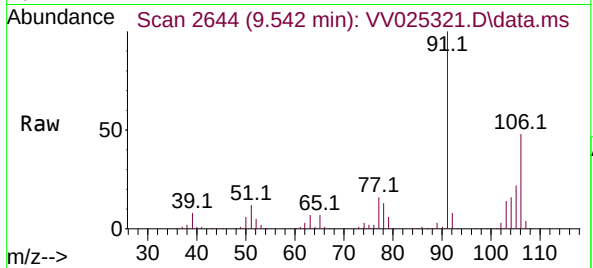




#54
o-Xylene
Concen: 6.063 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

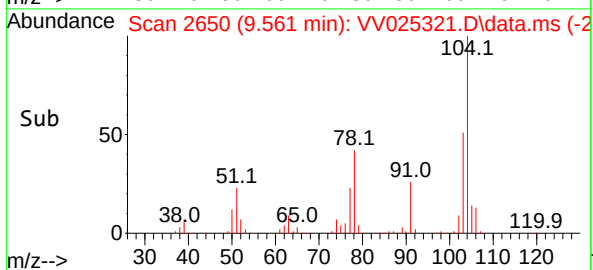
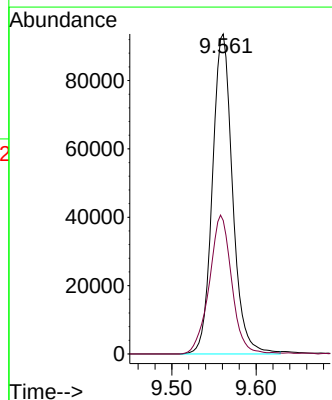
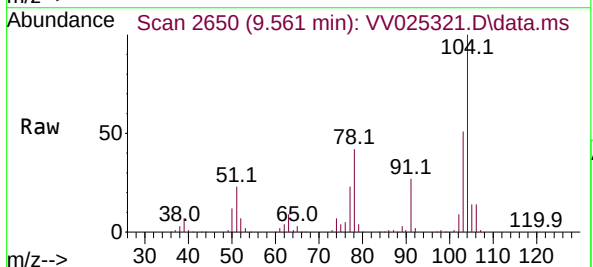
Instrument :
MSVOA_V
ClientSampleId :

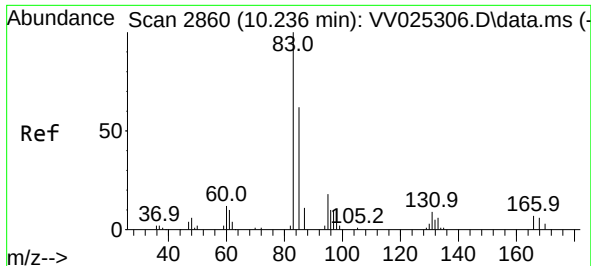
Tgt Ion:106 Resp: 94806
Ion Ratio Lower Upper
106 100
91 208.3 143.0 265.6



#55
Styrene
Concen: 6.048 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

Tgt Ion:104 Resp: 155515
Ion Ratio Lower Upper
104 100
78 41.7 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.964 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

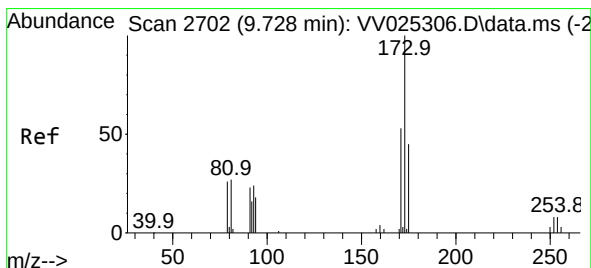
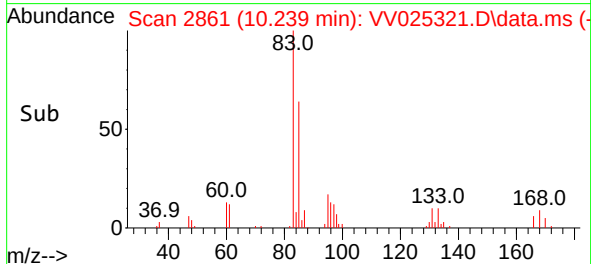
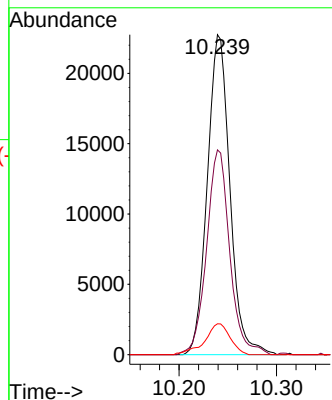
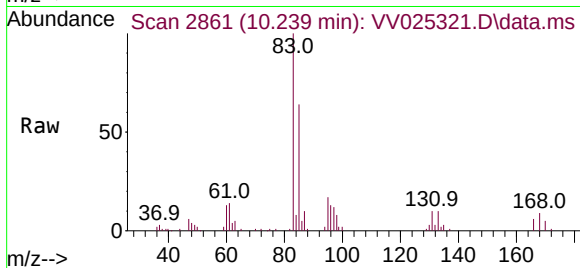
Tgt Ion: 83 Resp: 36680

Ion Ratio Lower Upper

83 100

85 64.0 46.2 85.8

131 9.7 8.1 12.1



#59

Bromoform

Concen: 6.538 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

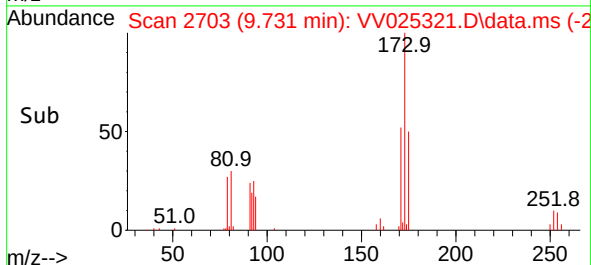
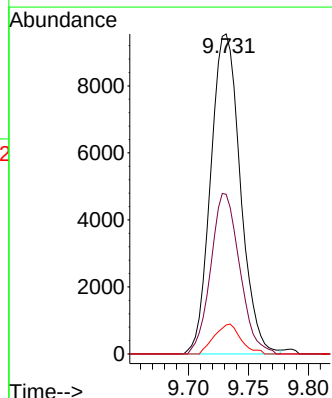
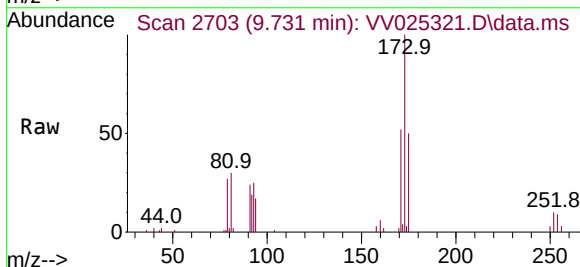
Tgt Ion: 173 Resp: 16408

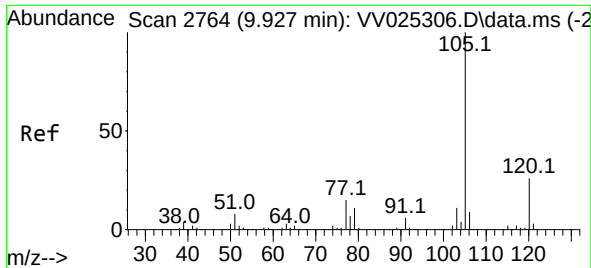
Ion Ratio Lower Upper

173 100

175 48.9 39.4 59.0

254 8.3 5.6 8.4

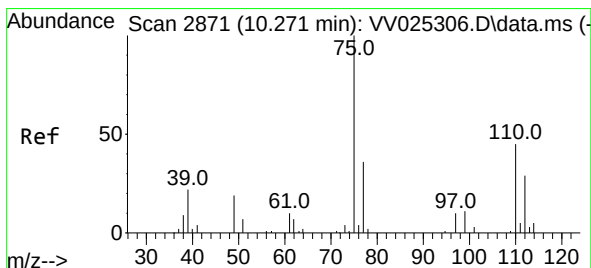
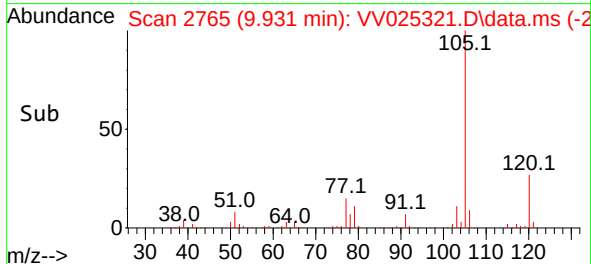
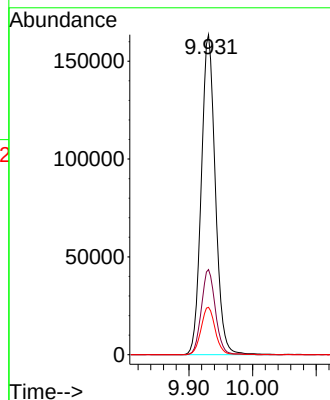
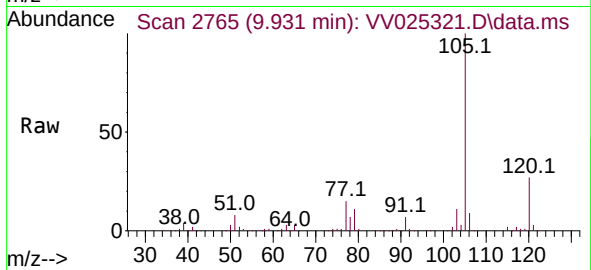




#60
Isopropylbenzene
Concen: 6.145 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

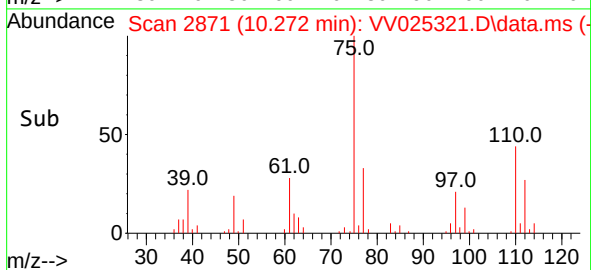
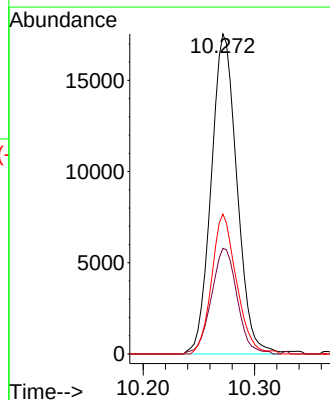
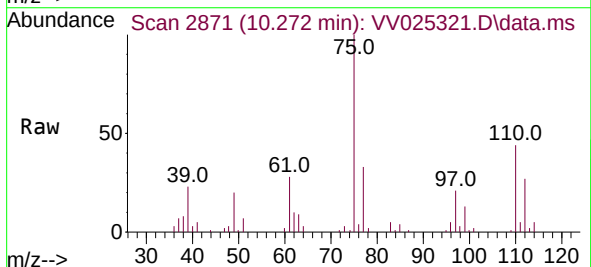
Instrument :
MSVOA_V
ClientSampleId :

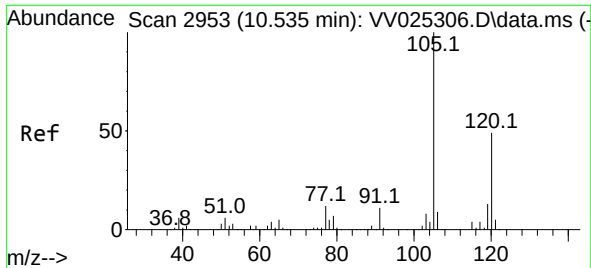
Tgt Ion:105 Resp: 250209
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 6.060 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 75 Resp: 28152
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.6
110 42.2 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 5.744 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_V

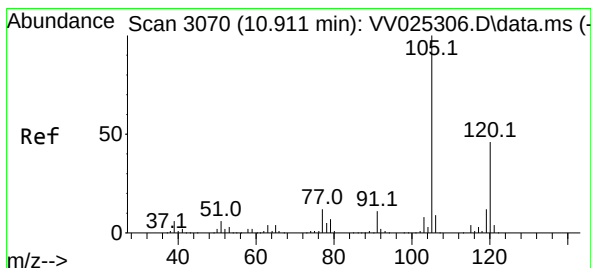
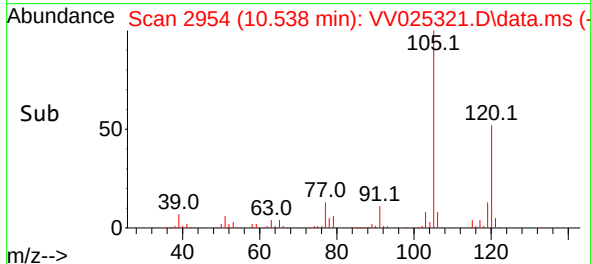
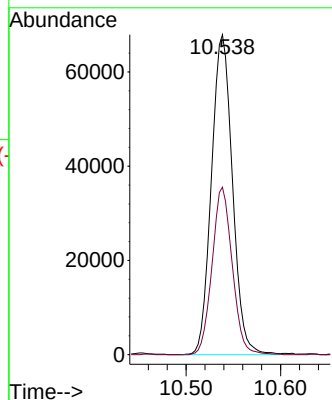
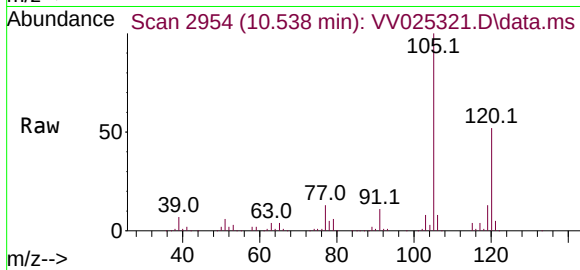
ClientSampleId :

Tgt Ion:105 Resp: 104871

Ion Ratio Lower Upper

105 100

120 50.3 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 6.000 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025321.D

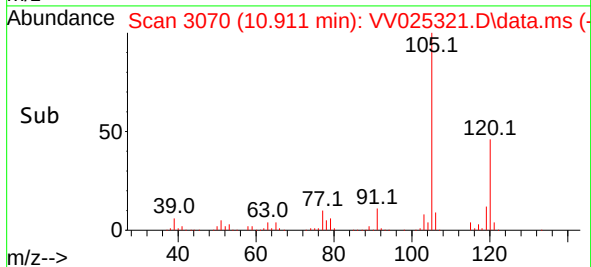
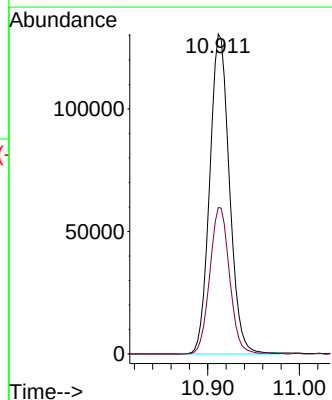
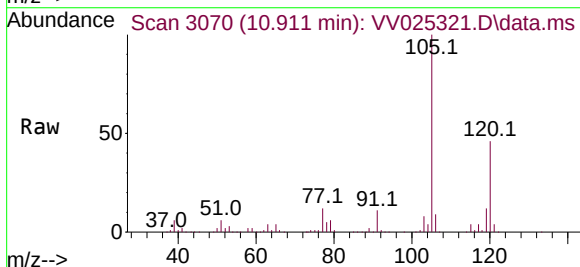
Acq: 30 Mar 2022 17:14

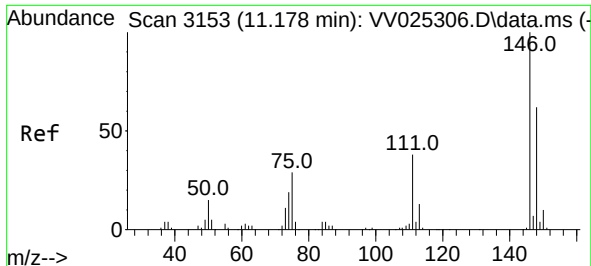
Tgt Ion:105 Resp: 195454

Ion Ratio Lower Upper

105 100

120 45.9 36.5 54.7

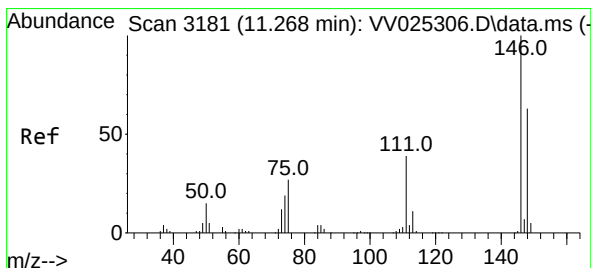
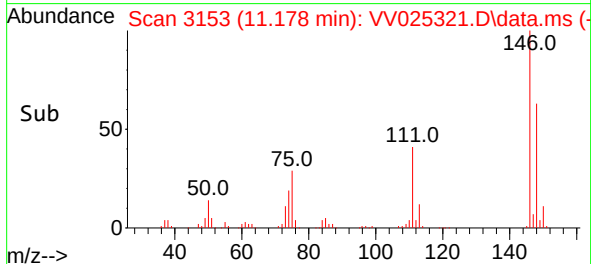
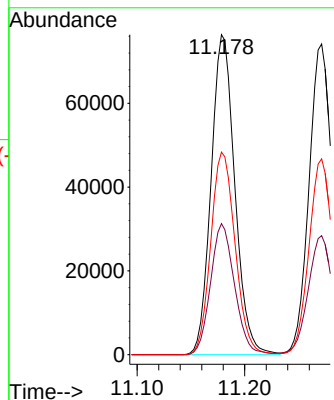
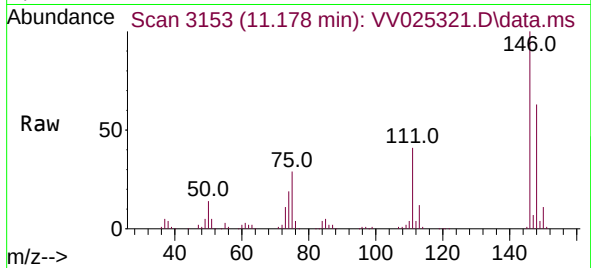




#64
1,3-Dichlorobenzene
Concen: 6.140 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

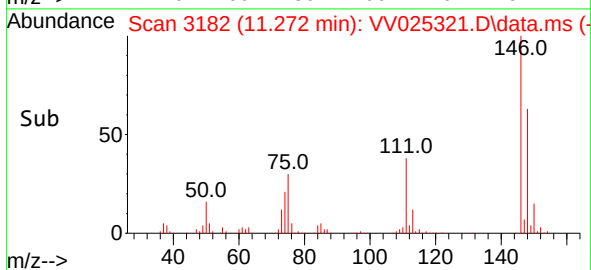
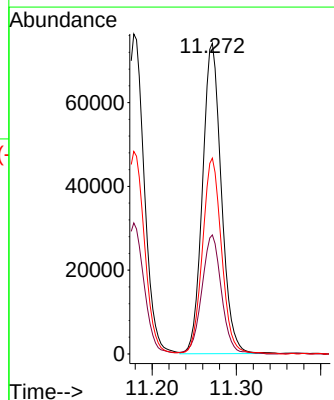
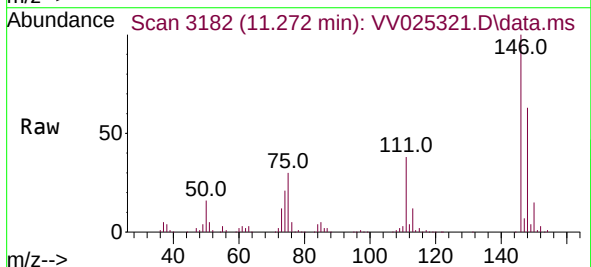
Instrument :
MSVOA_V
ClientSampleId :

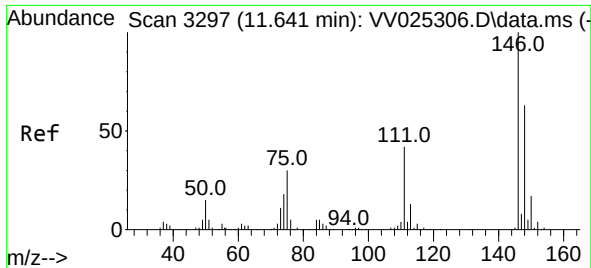
Tgt Ion:146 Resp: 117090
Ion Ratio Lower Upper
146 100
111 40.9 29.0 53.8
148 63.3 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 6.050 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025321.D
Acq: 30 Mar 2022 17:14

Tgt Ion:146 Resp: 115538
Ion Ratio Lower Upper
146 100
111 38.3 27.9 51.9
148 63.0 45.6 84.8

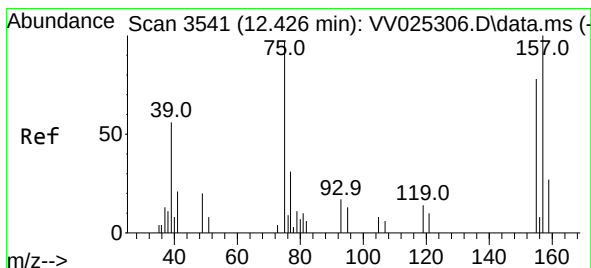
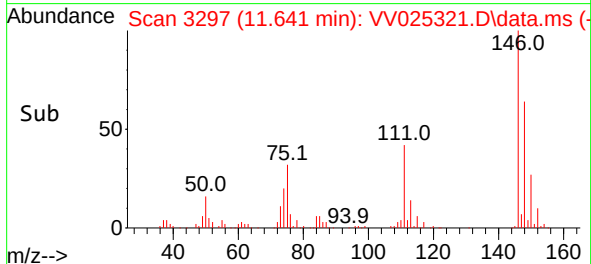
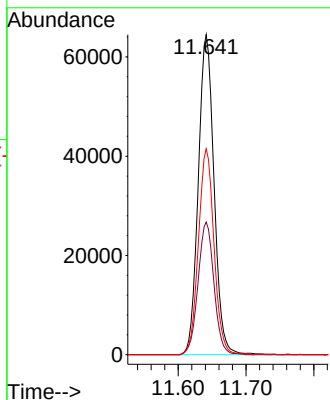
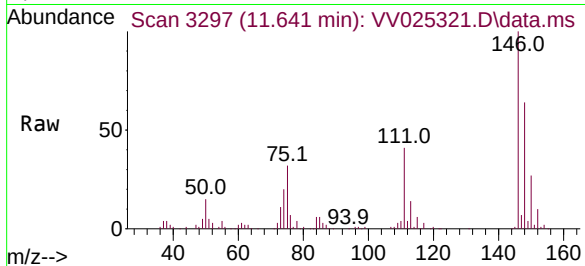




#67
 1,2-Dichlorobenzene
 Concen: 6.194 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV025321.D
 Acq: 30 Mar 2022 17:14

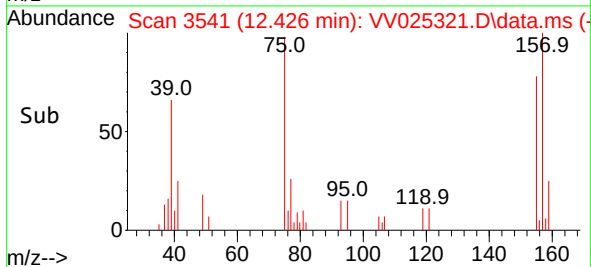
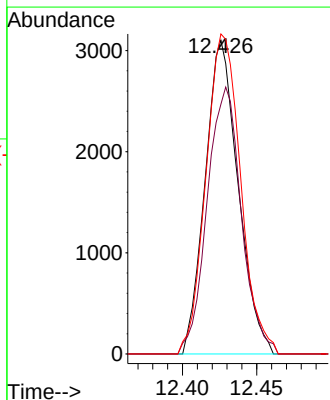
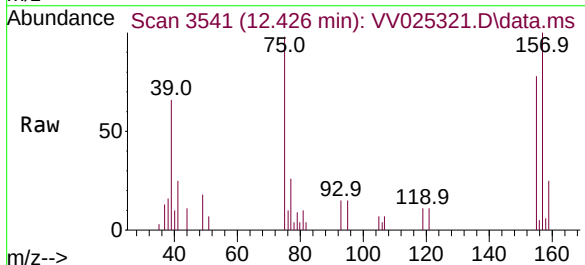
Instrument :
 MSVOA_V
 ClientSampleId :

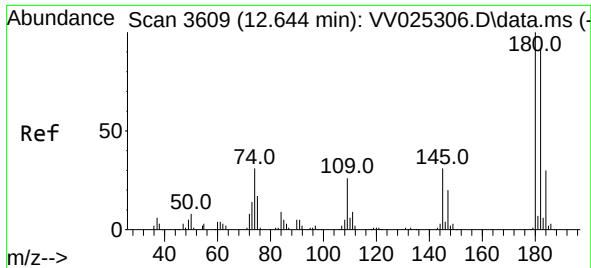
Tgt Ion:146 Resp: 103952
 Ion Ratio Lower Upper
 146 100
 111 41.5 33.0 49.6
 148 64.4 49.3 73.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.772 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV025321.D
 Acq: 30 Mar 2022 17:14

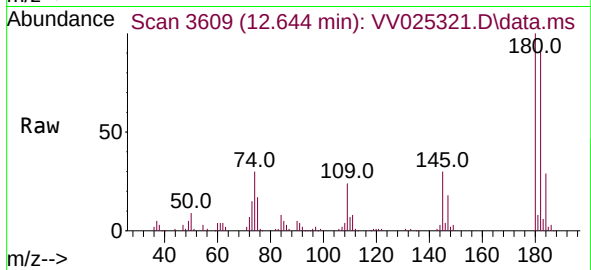
Tgt Ion: 75 Resp: 4801
 Ion Ratio Lower Upper
 75 100
 155 79.7 80.0 120.0#
 157 102.0 94.5 141.7



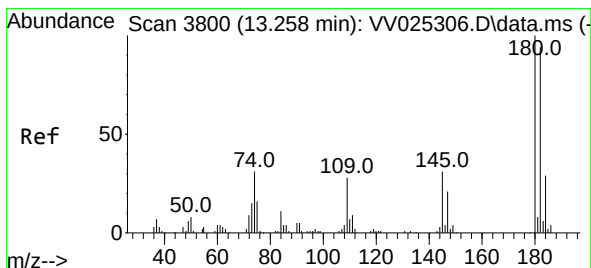
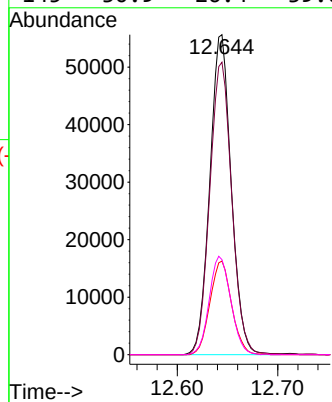
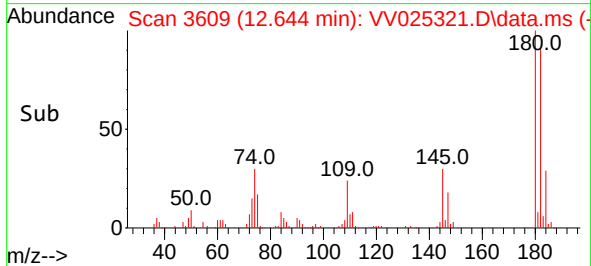


#69
 1,3,5-Trichlorobenzene
 Concen: 5.990 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV025321.D
 Acq: 30 Mar 2022 17:14

Instrument :
 MSVOA_V
 ClientSampleId :

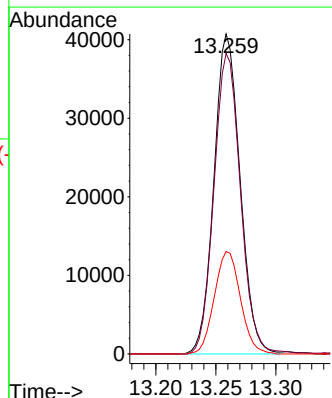
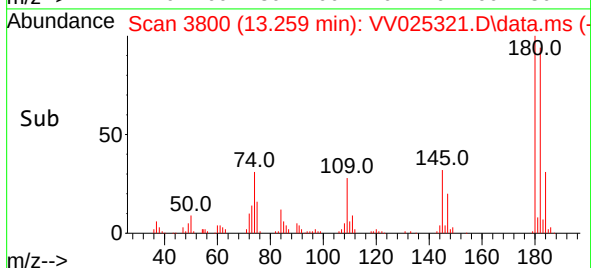
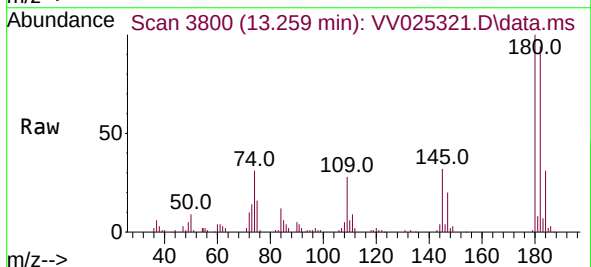


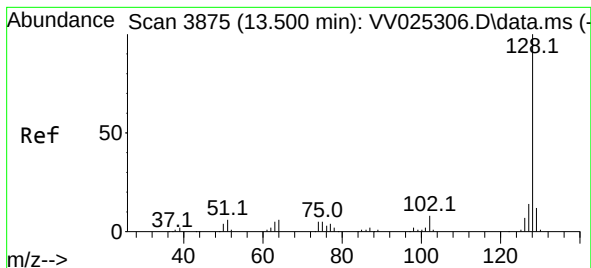
Tgt Ion:180 Resp: 82395
 Ion Ratio Lower Upper
 180 100
 182 93.9 77.1 115.7
 184 29.6 23.6 35.4
 145 30.9 26.4 39.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.941 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025321.D
 Acq: 30 Mar 2022 17:14

Tgt Ion:180 Resp: 61667
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.5 116.3
 145 31.9 26.2 39.4





#71

Naphthalene

Concen: 5.617 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

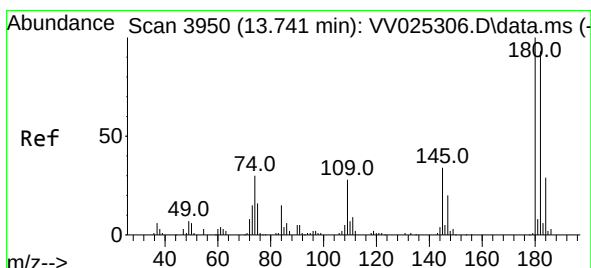
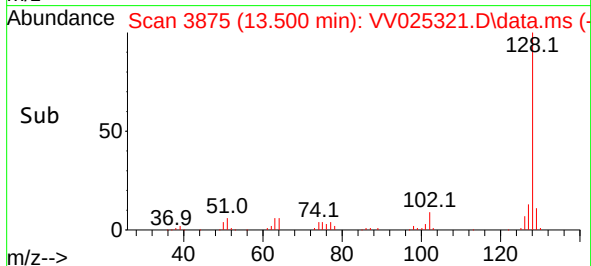
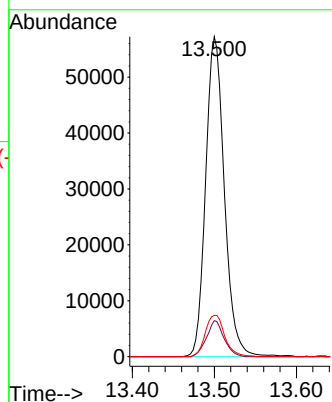
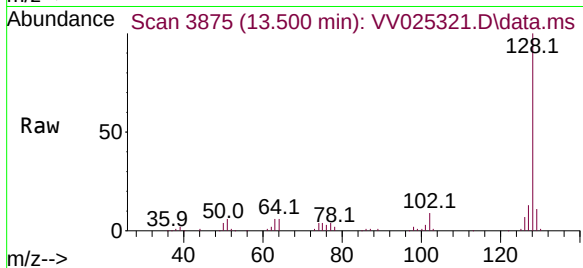
Tgt Ion:128 Resp: 90853

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

127 13.5 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 6.032 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025321.D

Acq: 30 Mar 2022 17:14

Tgt Ion:180 Resp: 53946

Ion Ratio Lower Upper

180 100

182 96.5 75.8 113.6

145 33.3 28.6 42.8

