

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025071.D
 Acq On : 17 Mar 2022 01:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 06:29:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 05:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145682	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47046	4.090	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.568	69	37475	4.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.111	63	83401	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	3.899	46	83376	59.983	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.960%
24) Chloroform-d	4.352	84	91362	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.037	65	38768	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.050	84	180026	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.072	67	53863	4.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.317	98	164174	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.625	79	17301	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	68933	50.232	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.460%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34263	5.047	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	52432	4.610	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	58201	4.522	ug/L	98
3) Chloromethane	1.243	50	59875	4.932	ug/L	99
5) Vinyl chloride	1.311	62	63177	4.932	ug/L	100
6) Bromomethane	1.523	94	41597	5.025	ug/L	100
8) Chloroethane	1.587	64	39728	5.115	ug/L	100
9) Trichlorofluoromethane	1.754	101	86541	4.968	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	44292	4.689	ug/L	98
12) 1,1-Dichloroethene	2.121	96	47922	5.164	ug/L	94
13) Acetone	2.188	43	54043	58.135	ug/L	78
14) Carbon disulfide	2.298	76	151235	4.554	ug/L	99
15) Methyl Acetate	2.442	43	15634	6.138	ug/L	94
16) Methylene chloride	2.510	84	58540	5.206	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	104416	5.165	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	54299	4.862	ug/L	99
19) 1,1-Dichloroethane	3.191	63	97980	5.155	ug/L	99
21) 2-Butanone	3.982	43	89490	60.993	ug/L	85
22) cis-1,2-Dichloroethene	3.915	96	58107	5.153	ug/L	98
23) Bromochloromethane	4.256	128	24454	5.501	ug/L	90
25) Chloroform	4.378	83	103366	5.223	ug/L	99

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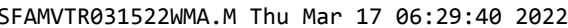
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 ClientSampleId :

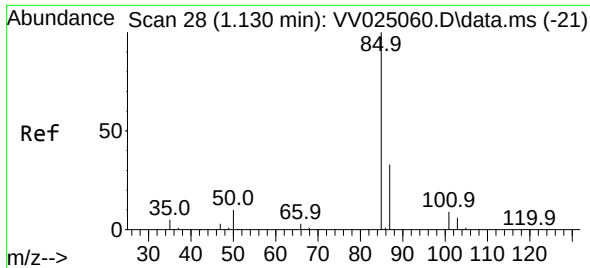
Quant Time: Mar 17 06:29:32 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	51145	5.197	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	89088	5.049	ug/L	99
30) Cyclohexane	4.680	56	76510	4.457	ug/L	99
31) Carbon tetrachloride	4.831	117	75271	4.973	ug/L	100
33) Benzene	5.101	78	227418	5.054	ug/L	100
34) Trichloroethene	5.915	95	58965	4.921	ug/L	99
35) Methylcyclohexane	6.130	83	78554	4.142	ug/L	99
37) 1,2-Dichloropropane	6.172	63	54179	5.239	ug/L	100
38) Bromodichloromethane	6.510	83	65583	5.015	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	68342	4.760	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	224232	52.696	ug/L	98
42) Toluene	7.387	91	240251	5.101	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	54080	4.787	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	36591	5.298	ug/L	99
47) Tetrachloroethene	7.976	164	40081	4.755	ug/L	98
48) 2-Hexanone	8.140	43	156530	51.887	ug/L	97
49) Dibromochloromethane	8.246	129	38394	4.966	ug/L	99
50) 1,2-Dibromoethane	8.352	107	33046	5.228	ug/L #	98
51) Chlorobenzene	8.883	112	147966	5.018	ug/L	99
52) Ethylbenzene	9.011	91	248069	4.979	ug/L	99
53) m,p-xylene	9.137	106	95117	4.958	ug/L	100
54) o-xylene	9.542	106	93816	5.114	ug/L	99
55) Styrene	9.561	104	157315	5.265	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	35923	5.305	ug/L	98
59) Bromoform	9.731	173	16006	4.423	ug/L	98
60) Isopropylbenzene	9.931	105	246524	4.866	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	28723	5.083	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	105639	4.595	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	195327	4.797	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	108239	4.925	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	106924	4.826	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	96276	4.944	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	4654	4.805	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	71259	4.590	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	55619	4.598	ug/L	99
71) Naphthalene	13.500	128	91804	4.571	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	47901	4.674	ug/L	98

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

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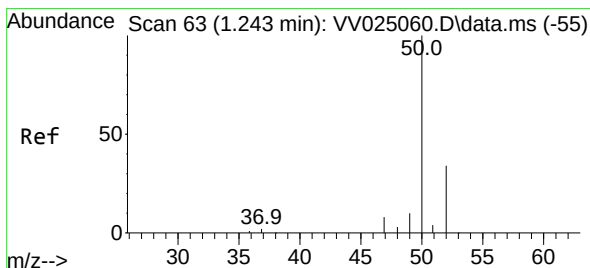
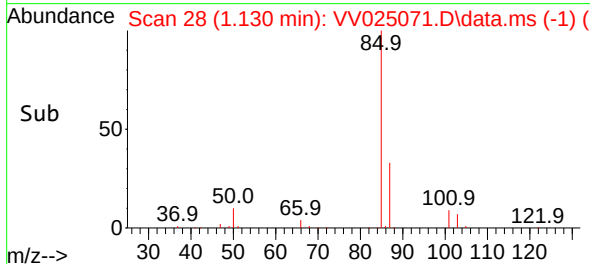
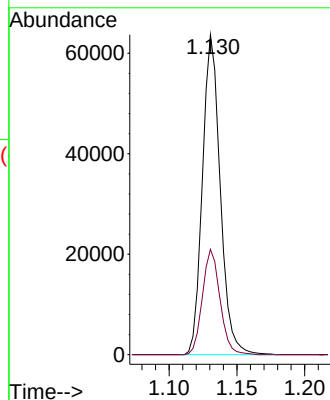
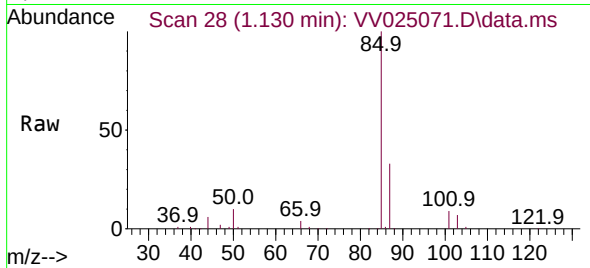




#2
 Dichlorodifluoromethane
 Concen: 4.522 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025071.D
 Acq: 17 Mar 2022 01:12

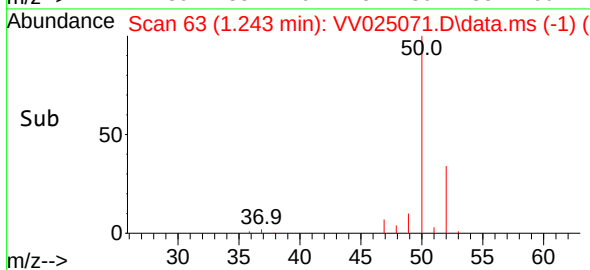
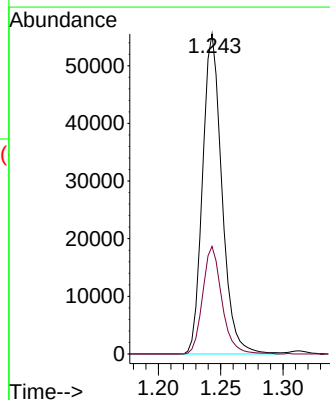
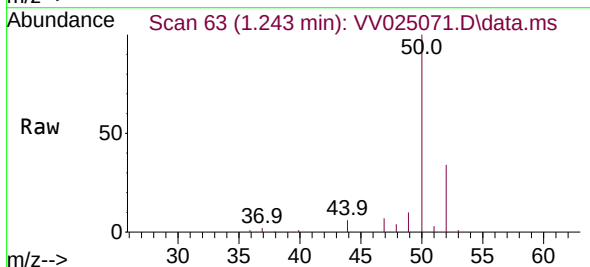
Instrument :
 MSVOA_V
 ClientSampleId :

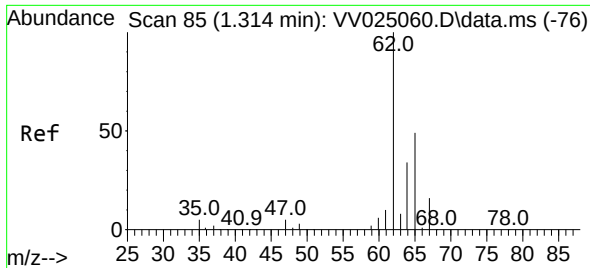
Tgt Ion: 85 Resp: 58201
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.7 40.1



#3
 Chloromethane
 Concen: 4.932 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025071.D
 Acq: 17 Mar 2022 01:12

Tgt Ion: 50 Resp: 59875
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.2 43.2

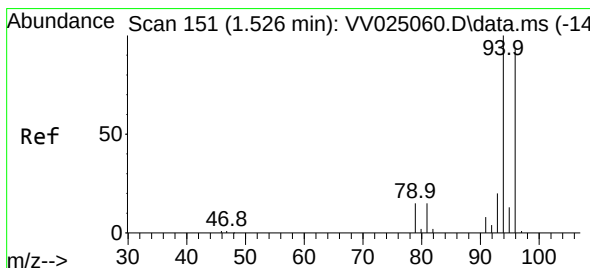
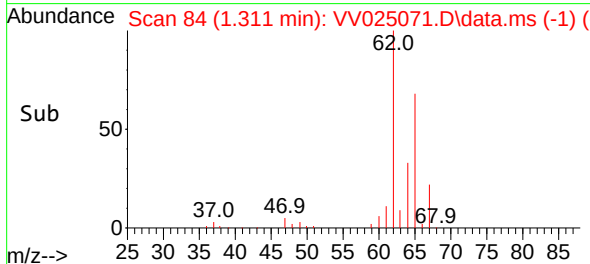
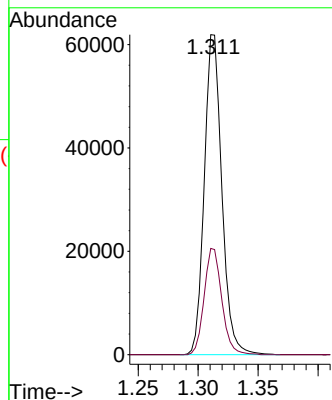
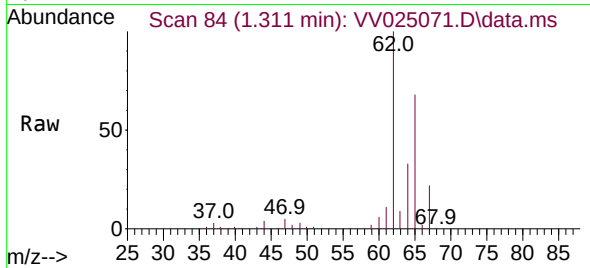




#5
 Vinyl chloride
 Concen: 4.932 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV025071.D
 Acq: 17 Mar 2022 01:12

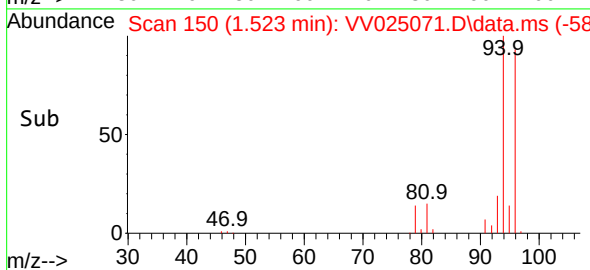
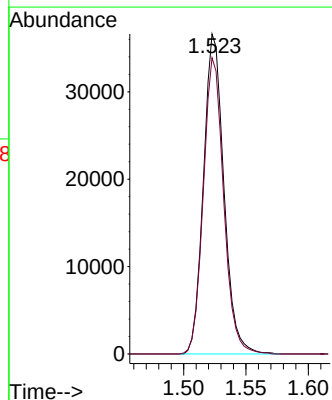
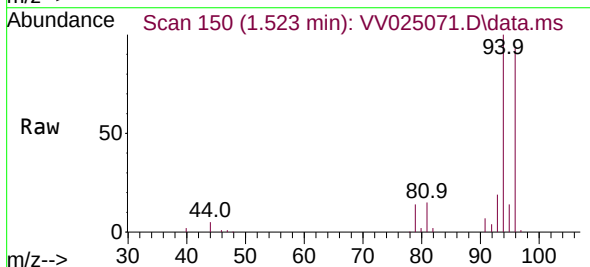
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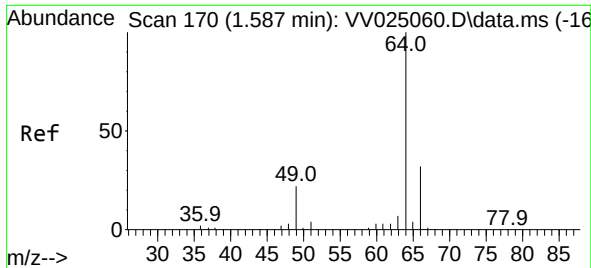
Tgt Ion: 62 Resp: 63177
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.4



#6
 Bromomethane
 Concen: 5.025 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV025071.D
 Acq: 17 Mar 2022 01:12

Tgt Ion: 94 Resp: 41597
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.9 120.5

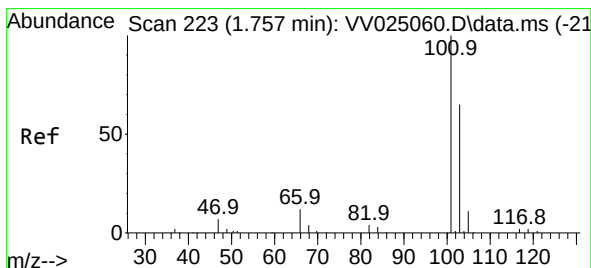
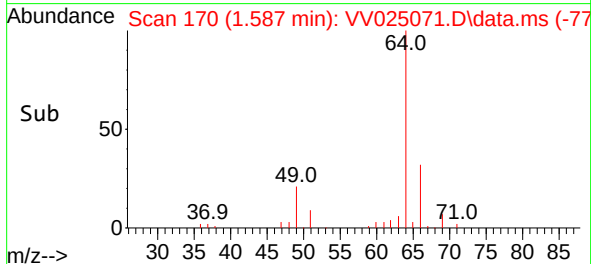
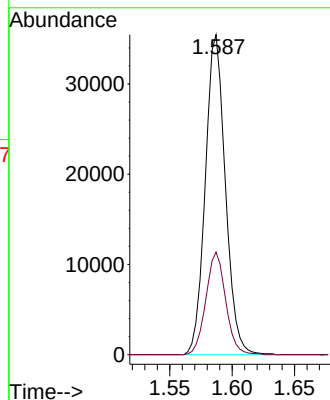
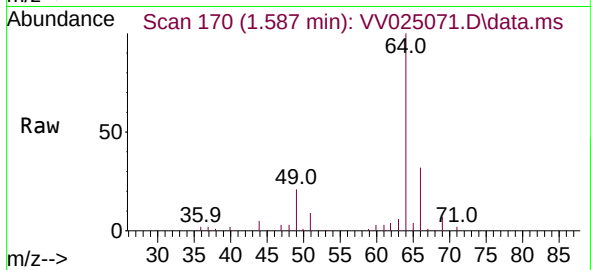




#8
Chloroethane
Concen: 5.115 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

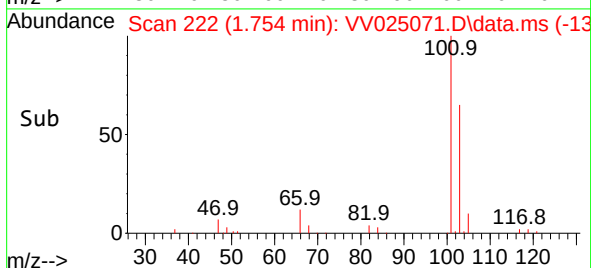
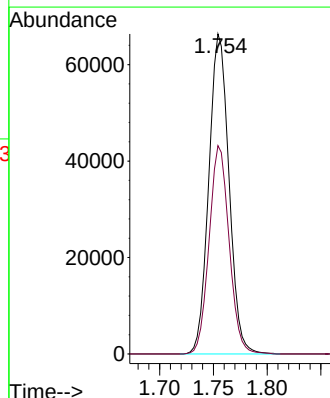
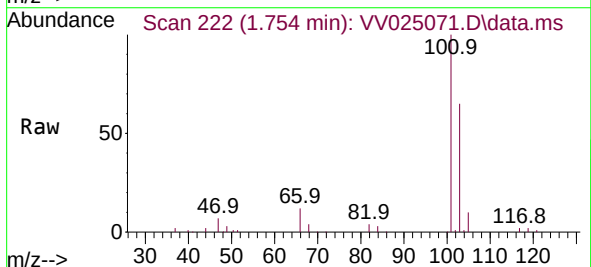
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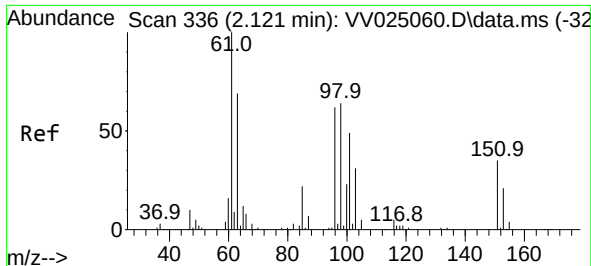
Tgt Ion: 64 Resp: 39728
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 4.968 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

Tgt Ion:101 Resp: 86541
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

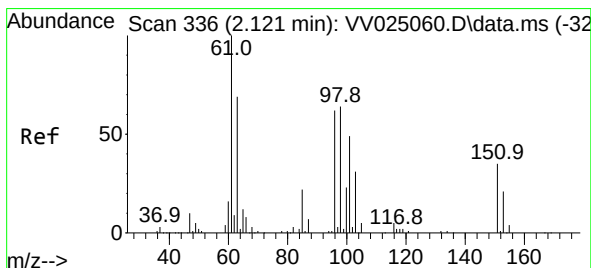
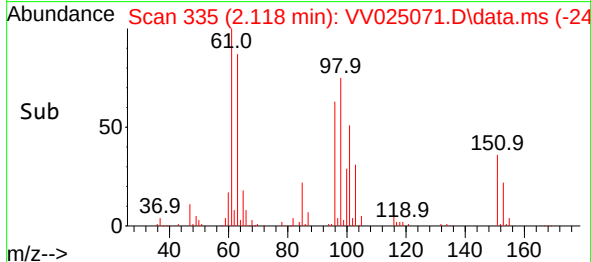
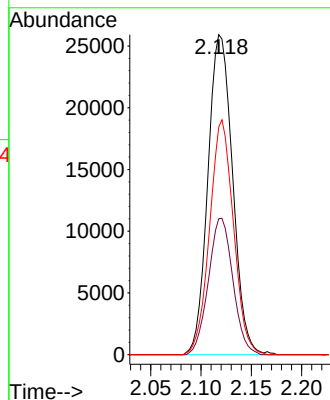
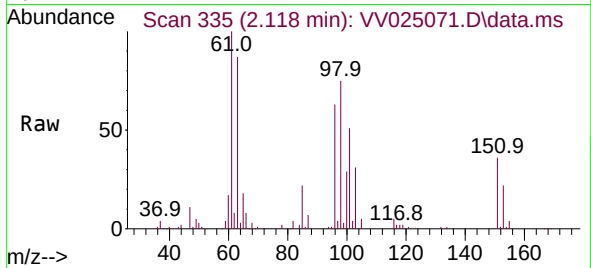




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.689 ug/L
 RT: 2.118 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV025071.D
 Acq: 17 Mar 2022 01:12

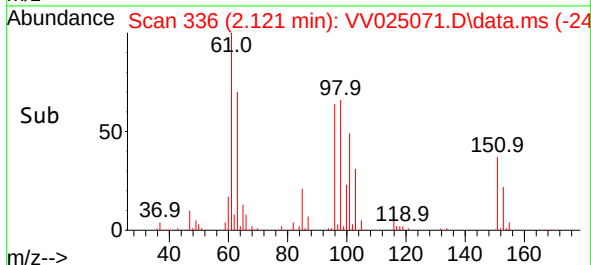
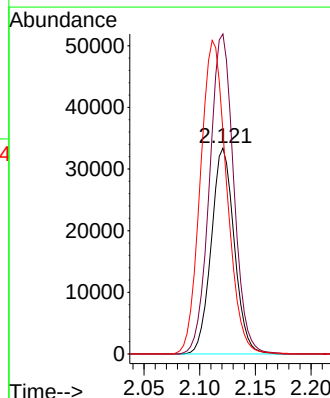
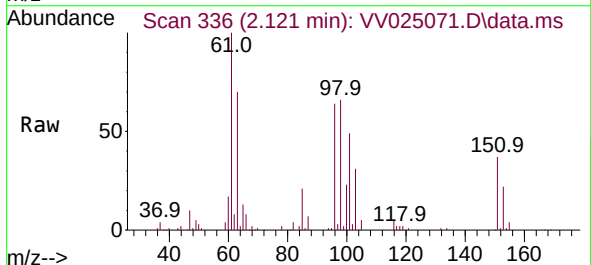
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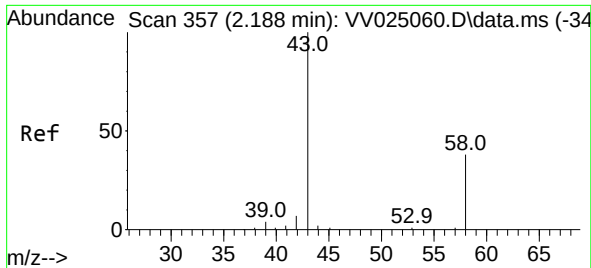
Tgt Ion:101 Resp: 44292
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.8 52.2
 151 70.9 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.164 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025071.D
 Acq: 17 Mar 2022 01:12

Tgt Ion: 96 Resp: 47922
 Ion Ratio Lower Upper
 96 100
 61 155.5 113.0 209.9
 63 108.4 82.1 152.5





#13

Acetone

Concen: 58.135 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

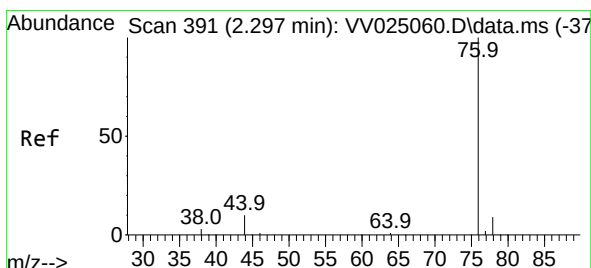
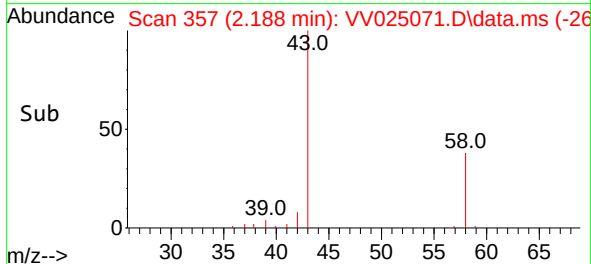
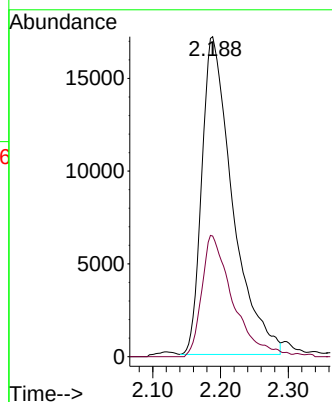
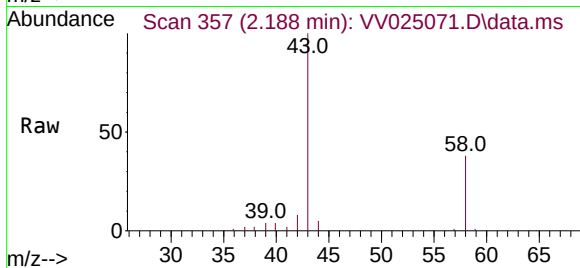
ClientSampleId :

Tgt Ion: 43 Resp: 54043

Ion Ratio Lower Upper

43 100

58 38.5 0.0 54.2



#14

Carbon disulfide

Concen: 4.554 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025071.D

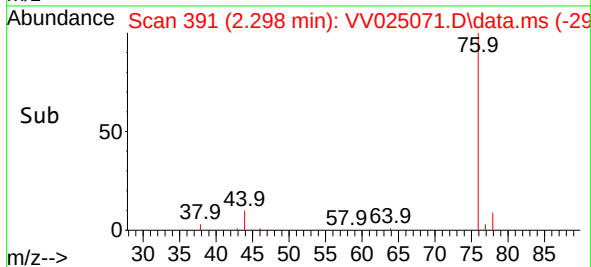
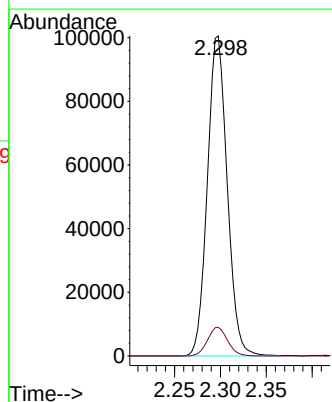
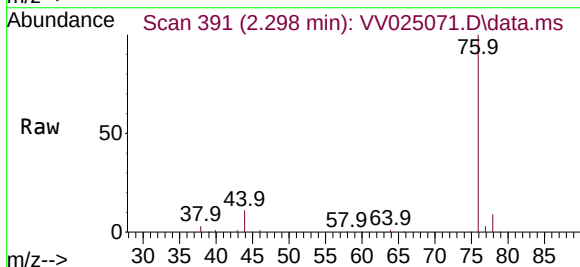
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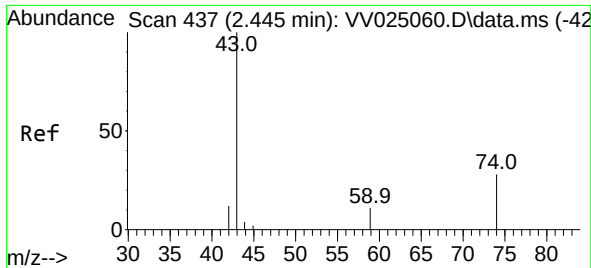
Tgt Ion: 76 Resp: 151235

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 6.138 ug/L

RT: 2.442 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

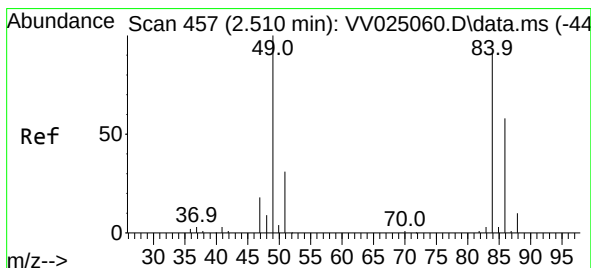
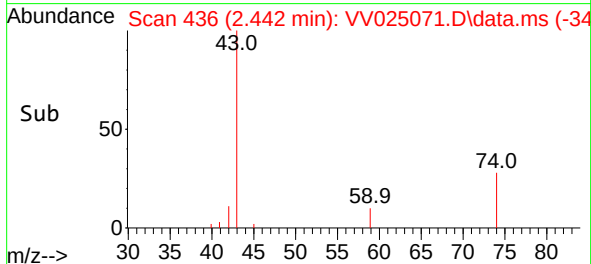
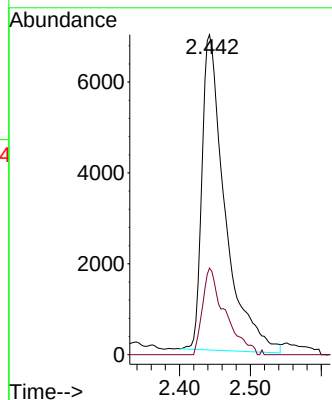
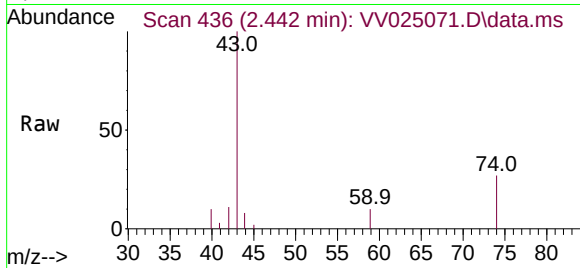
ClientSampleId :

Tgt Ion: 43 Resp: 15634

Ion Ratio Lower Upper

43 100

74 26.8 24.2 36.4



#16

Methylene chloride

Concen: 5.206 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

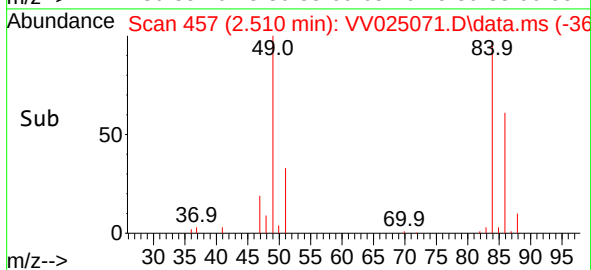
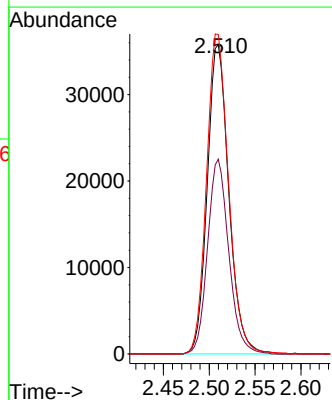
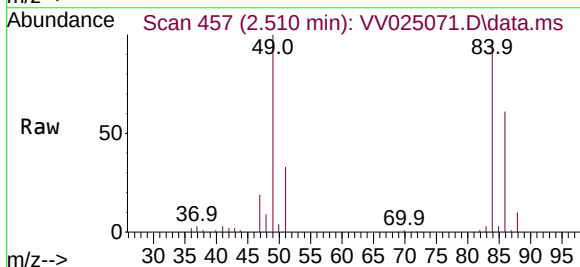
Tgt Ion: 84 Resp: 58540

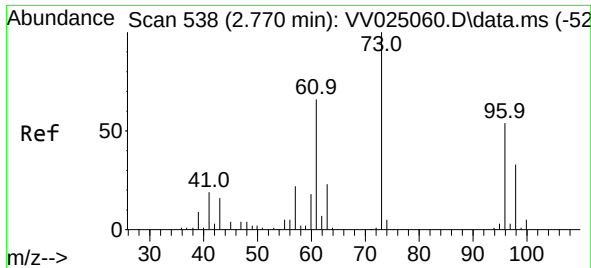
Ion Ratio Lower Upper

84 100

86 62.9 45.5 84.5

49 103.3 75.0 139.2

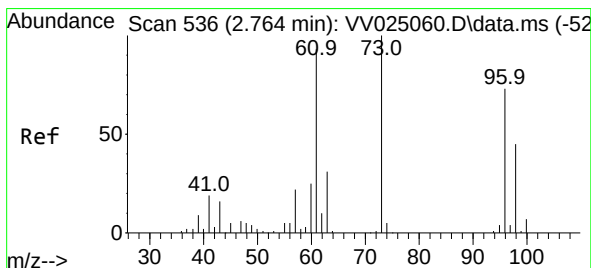
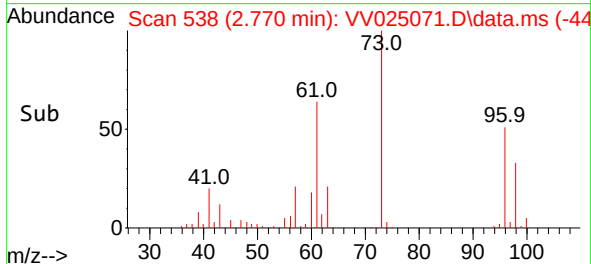
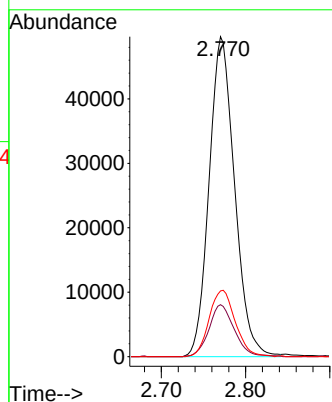
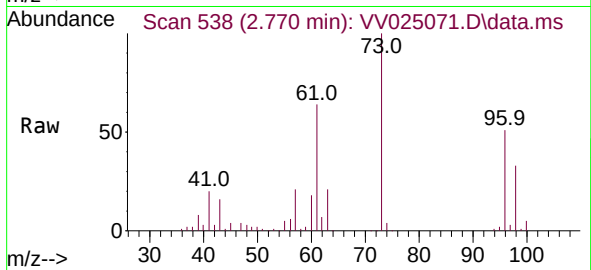




#17
Methyl tert-butyl Ether
Concen: 5.165 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

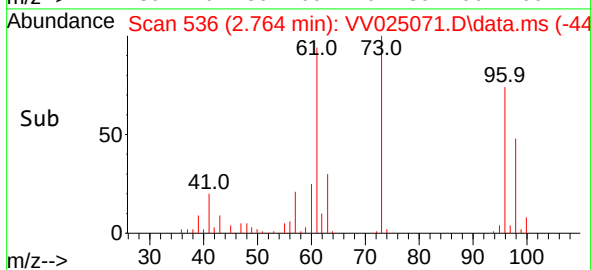
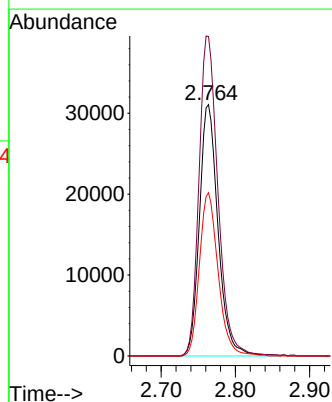
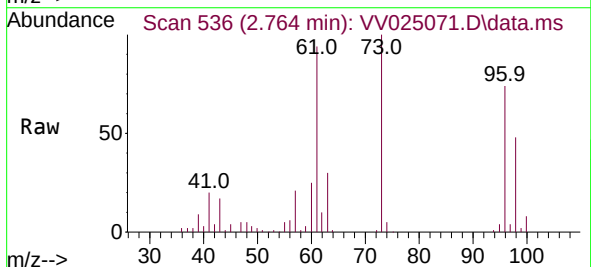
Instrument :
MSVOA_V
ClientSampleId :

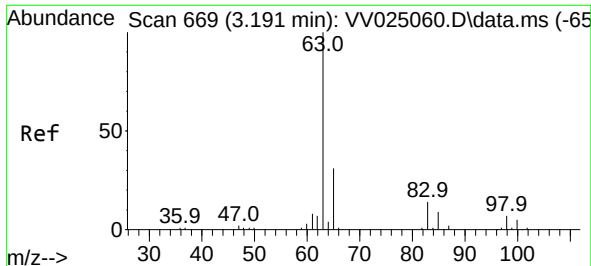
Tgt Ion: 73 Resp: 104416
Ion Ratio Lower Upper
73 100
43 16.2 13.2 19.8
57 21.3 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.862 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

Tgt Ion: 96 Resp: 54299
Ion Ratio Lower Upper
96 100
61 127.1 89.2 165.6
98 65.0 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.155 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

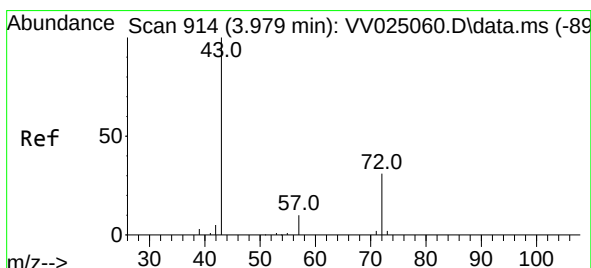
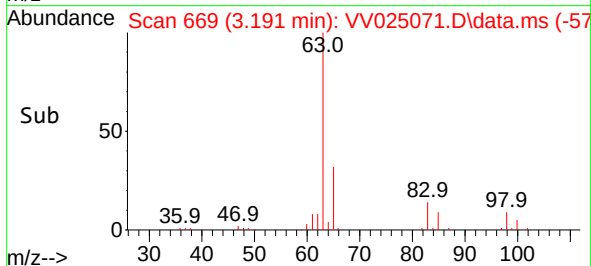
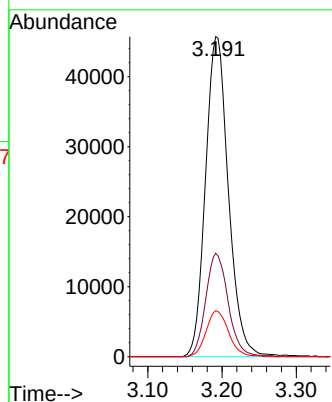
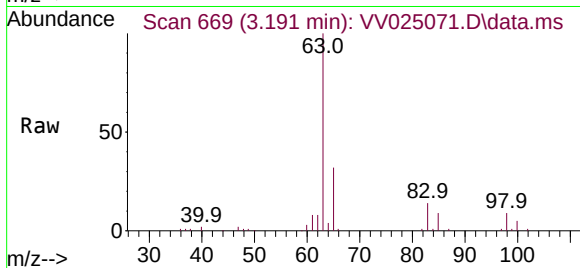
Tgt Ion: 63 Resp: 97980

Ion Ratio Lower Upper

63 100

65 32.3 22.2 41.2

83 14.3 9.4 17.4



#21

2-Butanone

Concen: 60.993 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.003 min

Lab File: VV025071.D

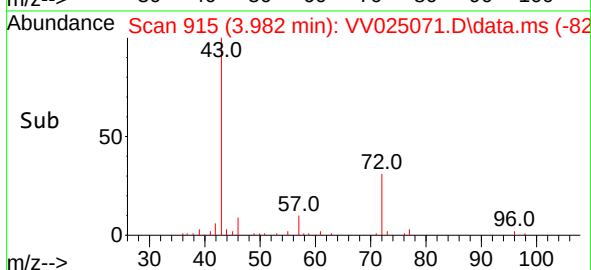
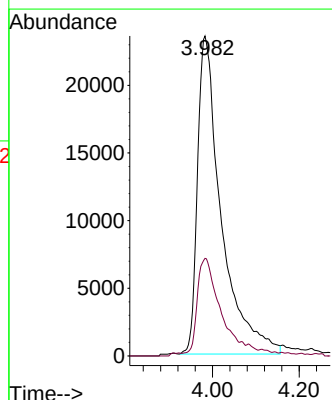
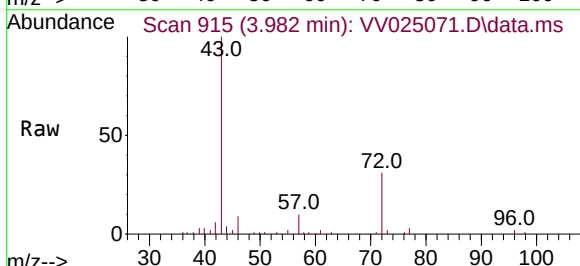
Acq: 17 Mar 2022 01:12

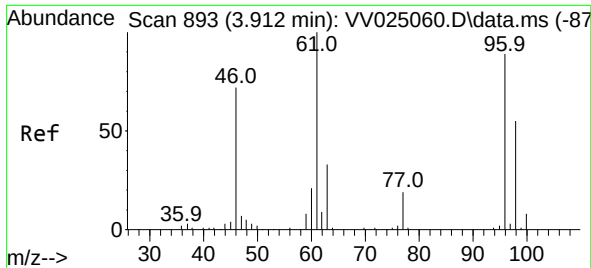
Tgt Ion: 43 Resp: 89490

Ion Ratio Lower Upper

43 100

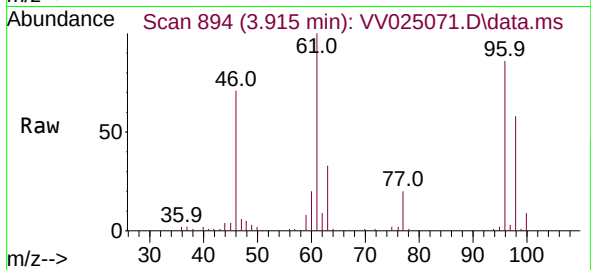
72 27.7 10.4 31.2



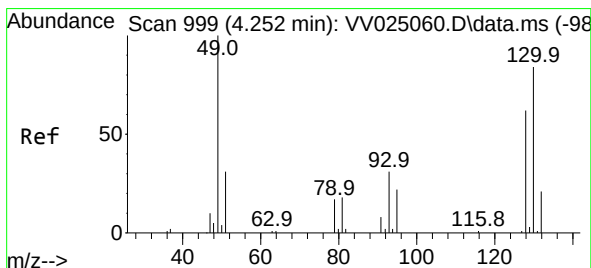
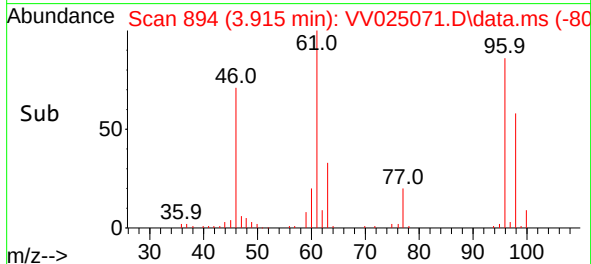
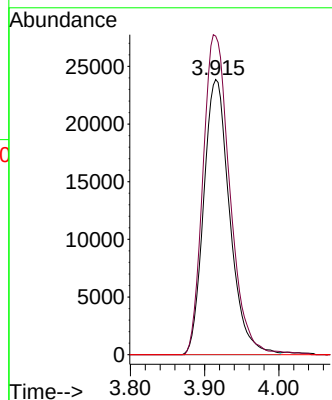


#22
 cis-1,2-Dichloroethene
 Concen: 5.153 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV025071.D
 Acq: 17 Mar 2022 01:12

Instrument :
 MSVOA_V
 ClientSampleId :

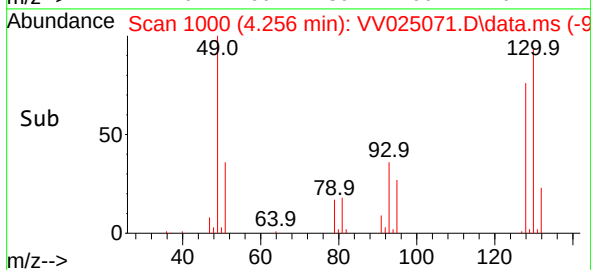
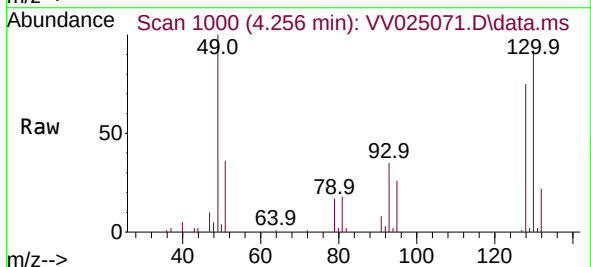
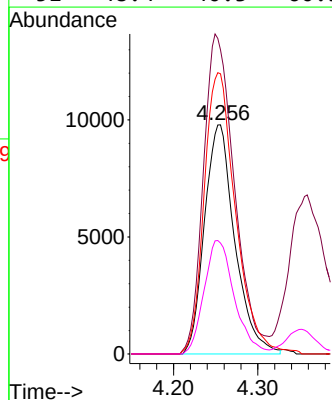


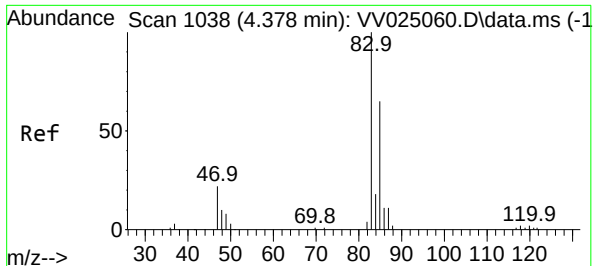
Tgt Ion: 96 Resp: 58107
 Ion Ratio Lower Upper
 96 100
 61 115.8 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.501 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.003 min
 Lab File: VV025071.D
 Acq: 17 Mar 2022 01:12

Tgt Ion: 128 Resp: 24454
 Ion Ratio Lower Upper
 128 100
 49 132.7 107.5 199.7
 130 122.3 89.4 166.0
 51 48.4 40.3 60.5

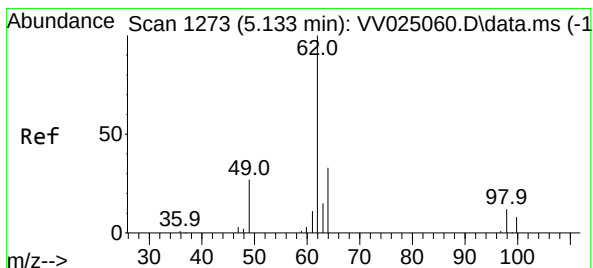
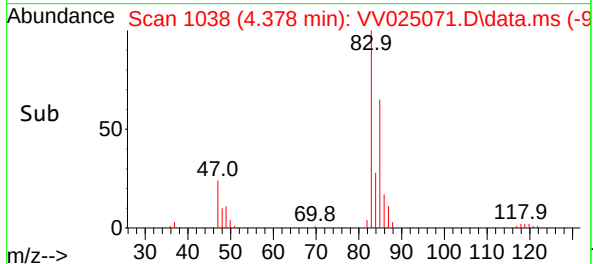
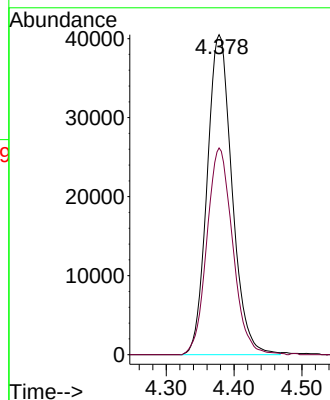
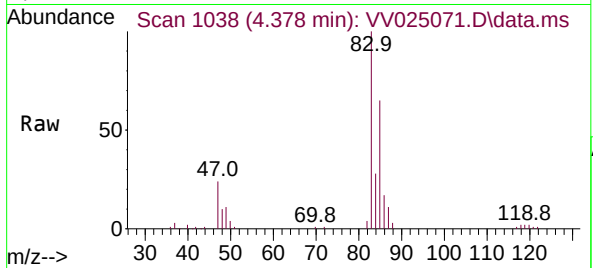




#25
Chloroform
Concen: 5.223 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

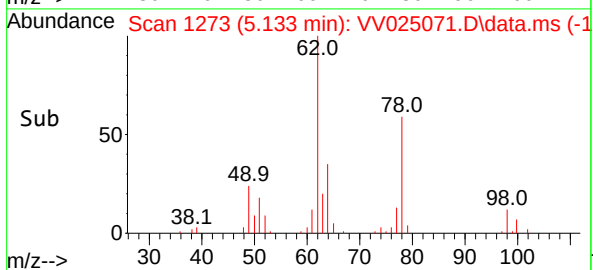
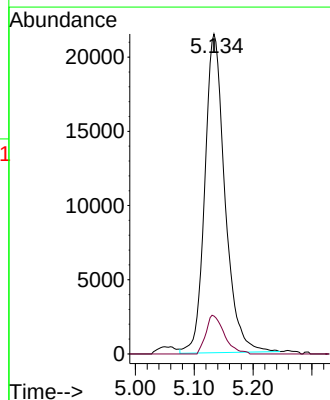
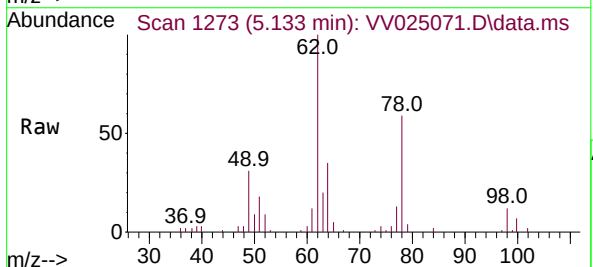
Instrument :
MSVOA_V
ClientSampleId :

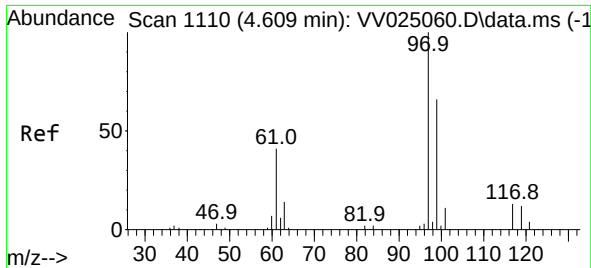
Tgt Ion: 83 Resp: 103366
Ion Ratio Lower Upper
83 100
85 64.6 44.5 82.7



#27
1,2-Dichloroethane
Concen: 5.197 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

Tgt Ion: 62 Resp: 51145
Ion Ratio Lower Upper
62 100
98 11.9 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.049 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

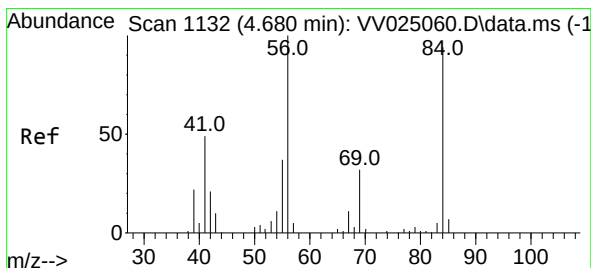
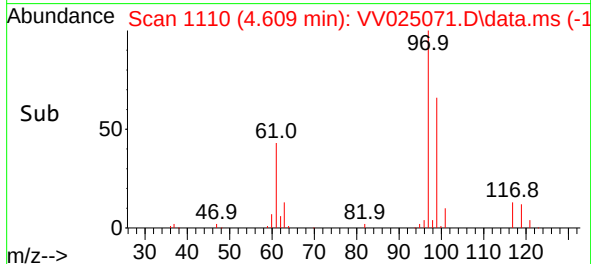
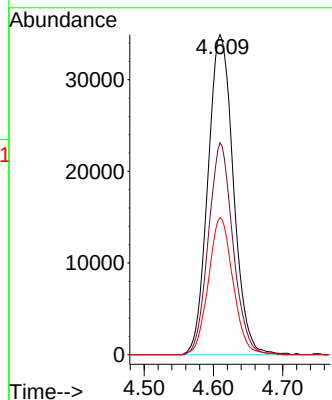
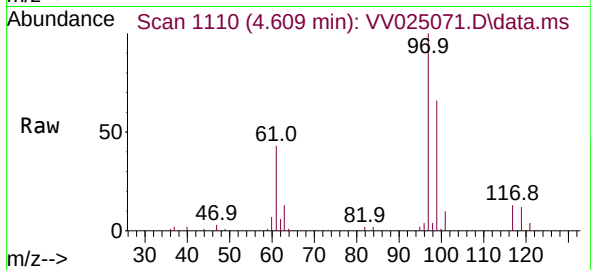
Tgt Ion: 97 Resp: 89088

Ion Ratio Lower Upper

97 100

99 64.0 50.7 76.1

61 41.4 32.4 48.6



#30

Cyclohexane

Concen: 4.457 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

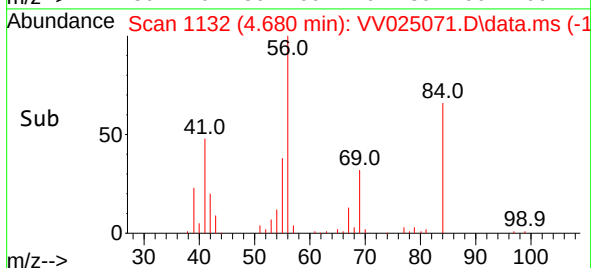
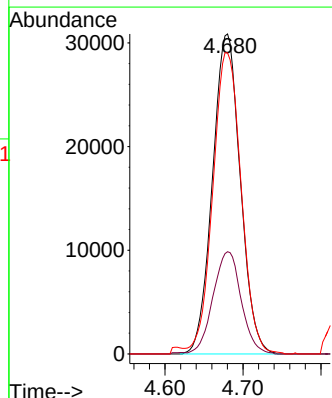
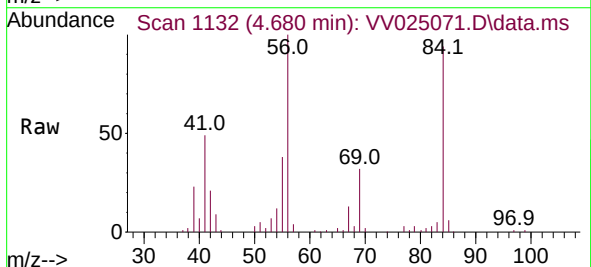
Tgt Ion: 56 Resp: 76510

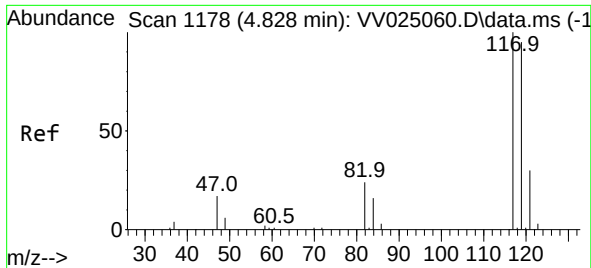
Ion Ratio Lower Upper

56 100

69 32.3 24.9 37.3

84 95.9 75.9 113.9

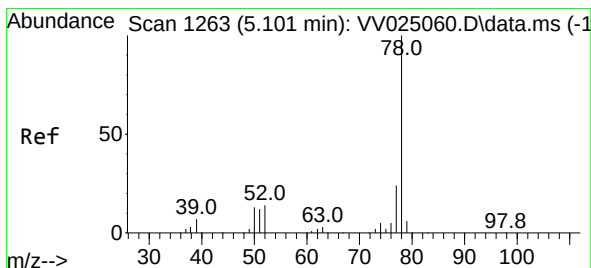
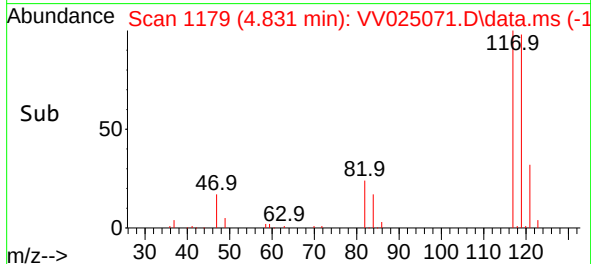
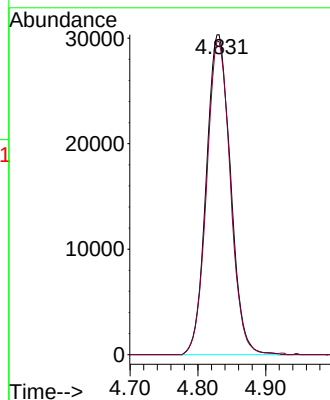
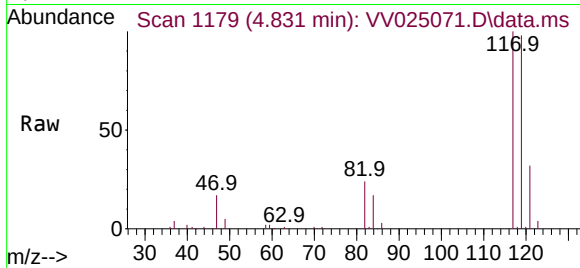




#31
Carbon tetrachloride
Concen: 4.973 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

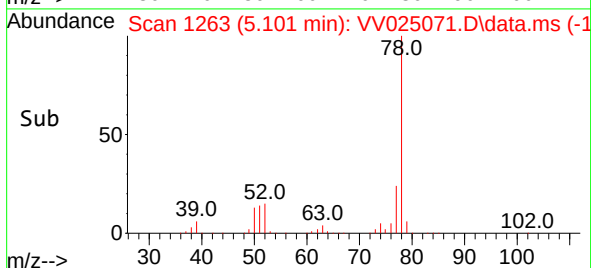
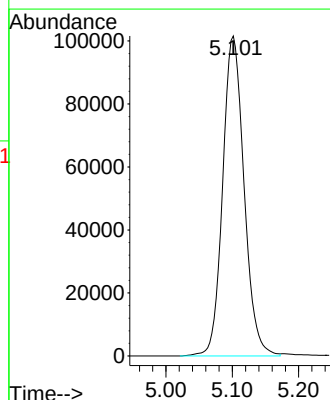
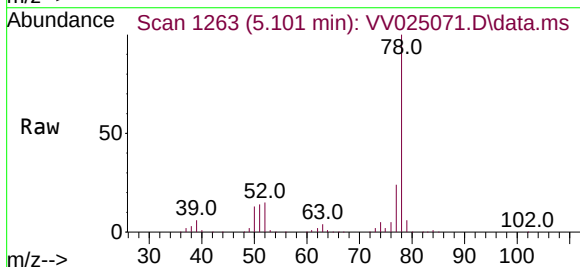
Instrument :
MSVOA_V
ClientSampleId :

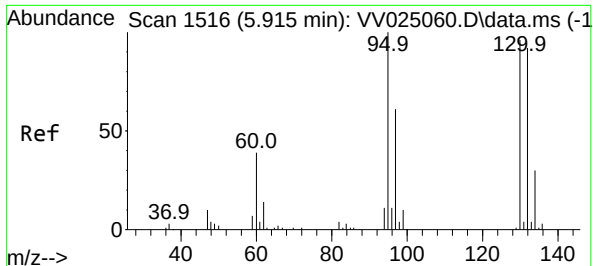
Tgt Ion:117 Resp: 75271
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2



#33
Benzene
Concen: 5.054 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

Tgt Ion: 78 Resp: 227418





#34

Trichloroethene

Concen: 4.921 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 58965

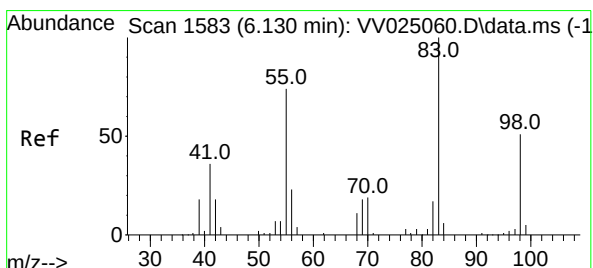
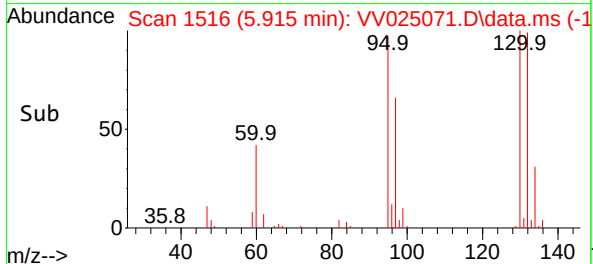
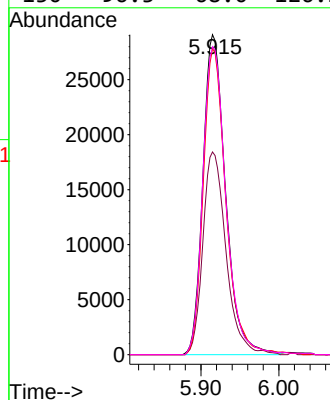
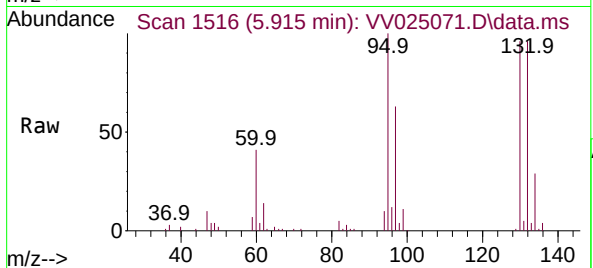
Ion Ratio Lower Upper

95 100

97 63.3 44.5 82.7

132 95.6 66.5 123.5

130 96.3 68.0 126.2



#35

Methylcyclohexane

Concen: 4.142 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

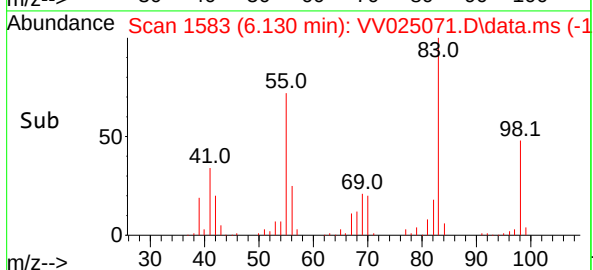
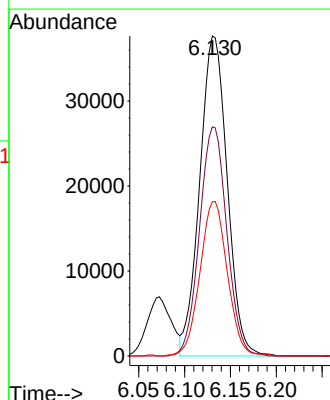
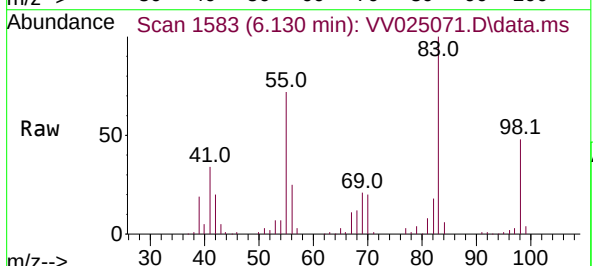
Tgt Ion: 83 Resp: 78554

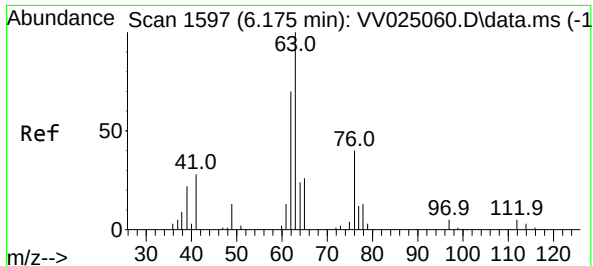
Ion Ratio Lower Upper

83 100

55 71.1 55.4 83.0

98 48.1 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.239 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

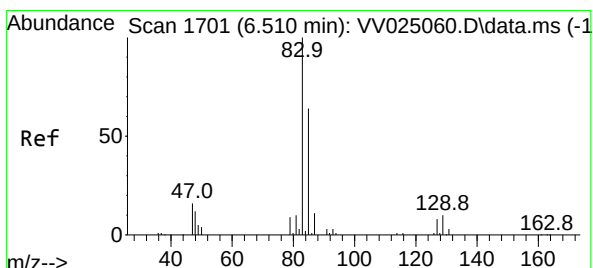
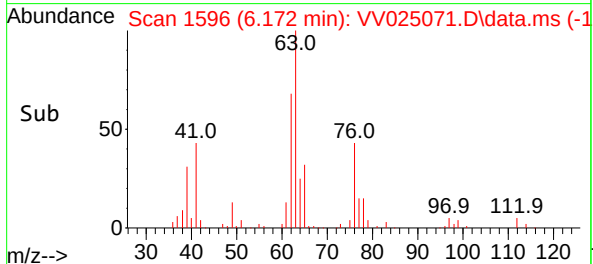
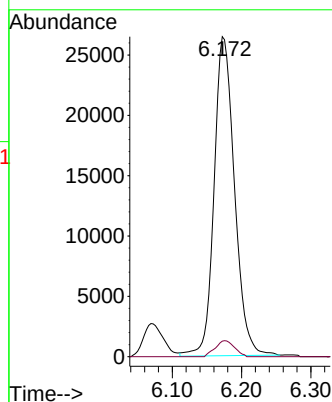
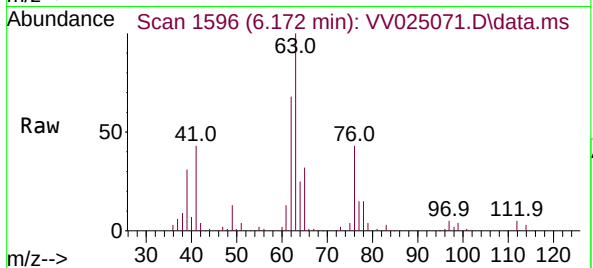
ClientSampleId :

Tgt Ion: 63 Resp: 54179

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 5.015 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

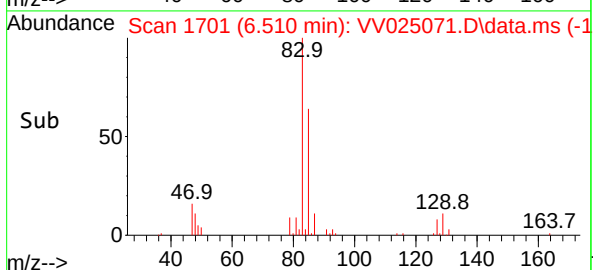
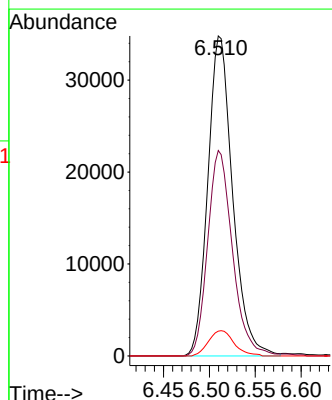
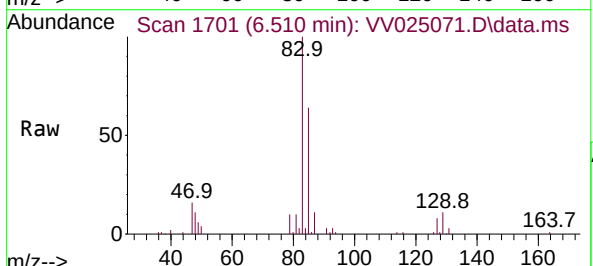
Tgt Ion: 83 Resp: 65583

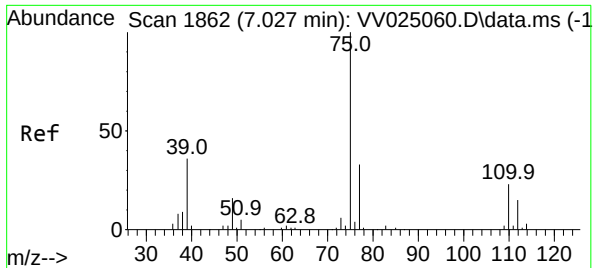
Ion Ratio Lower Upper

83 100

85 64.2 44.8 83.2

127 7.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.760 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

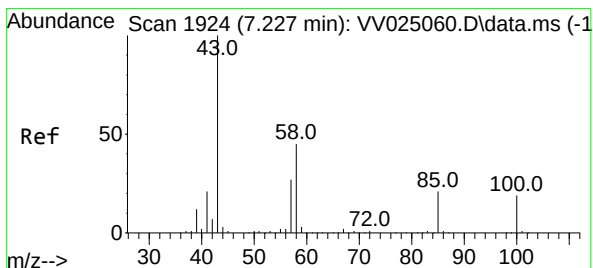
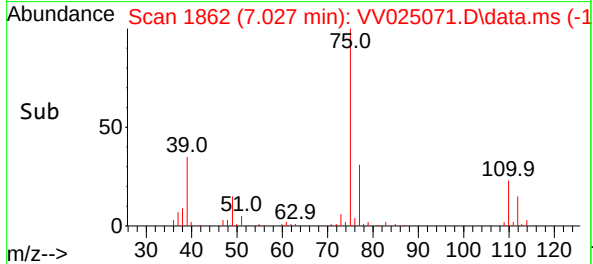
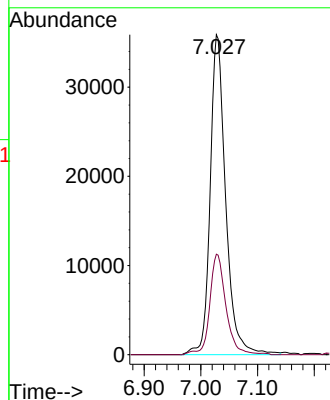
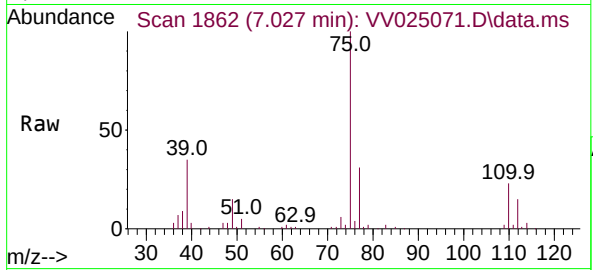
ClientSampleId :

Tgt Ion: 75 Resp: 68342

Ion Ratio Lower Upper

75 100

77 31.4 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 52.696 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

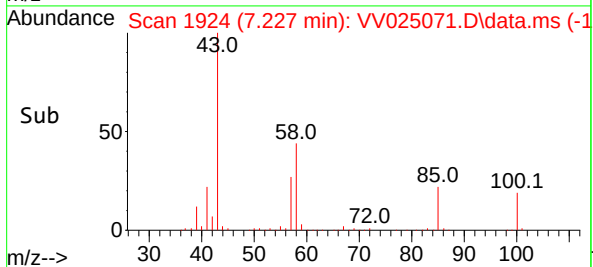
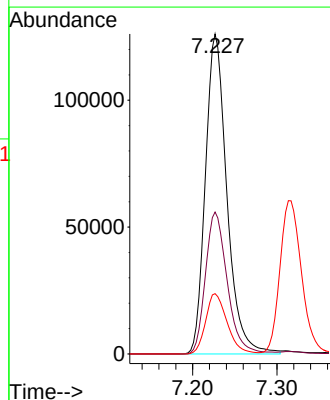
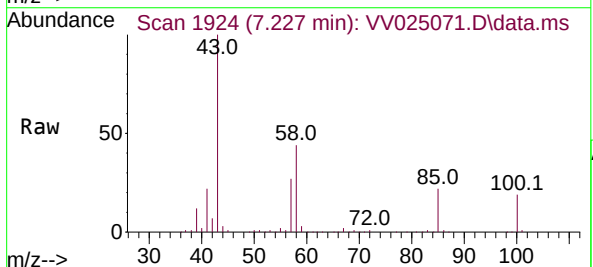
Tgt Ion: 43 Resp: 224232

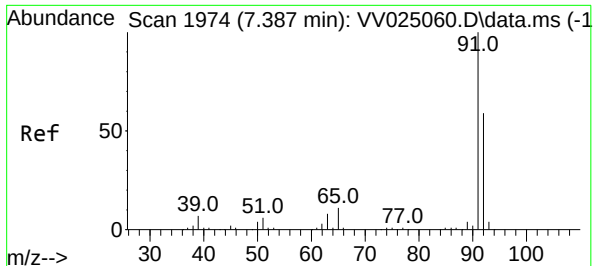
Ion Ratio Lower Upper

43 100

58 44.9 36.6 55.0

100 18.8 13.8 20.8





#42

Toluene

Concen: 5.101 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

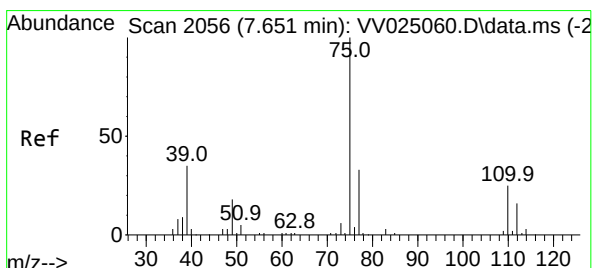
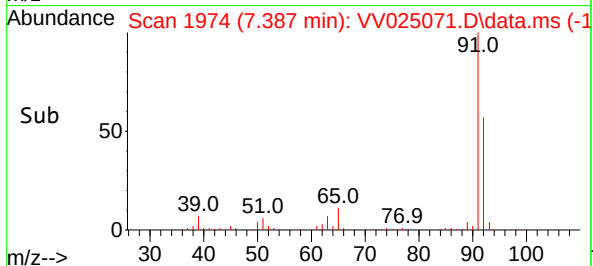
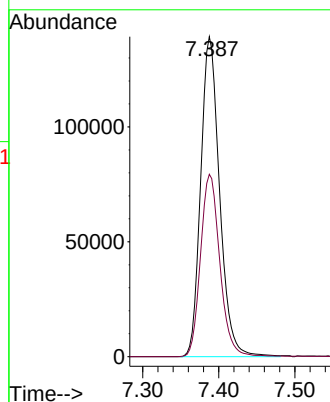
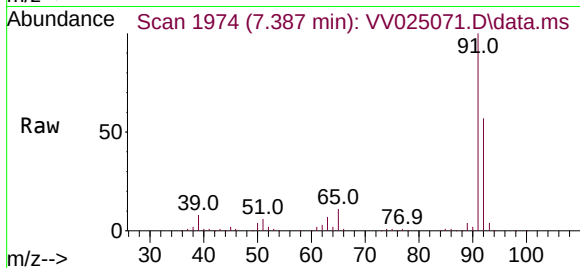
ClientSampleId :

Tgt Ion: 91 Resp: 240251

Ion Ratio Lower Upper

91 100

92 57.0 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.787 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV025071.D

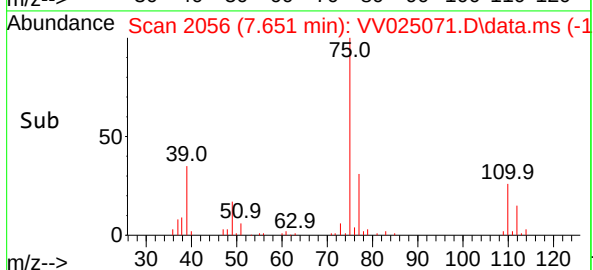
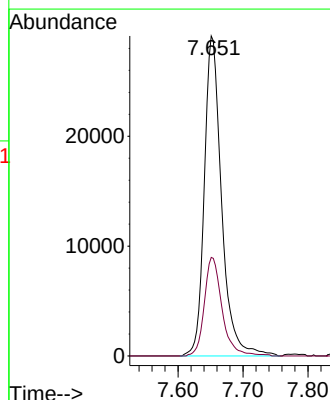
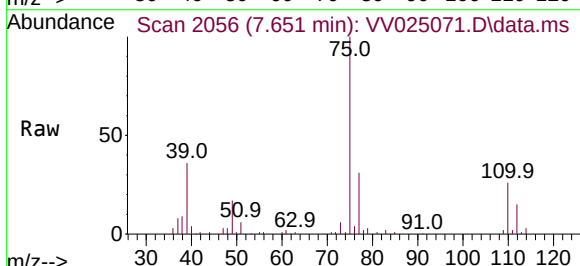
Acq: 17 Mar 2022 01:12

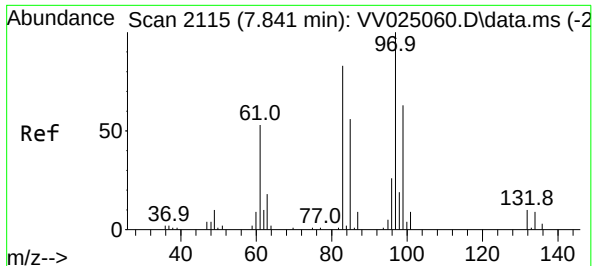
Tgt Ion: 75 Resp: 54080

Ion Ratio Lower Upper

75 100

77 30.8 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 5.298 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 36591

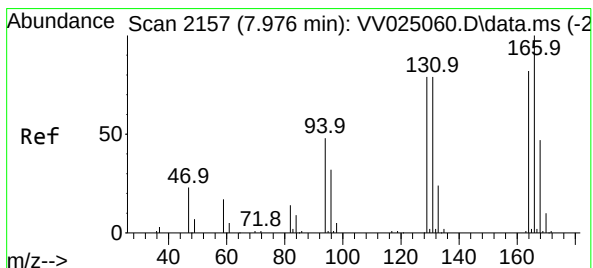
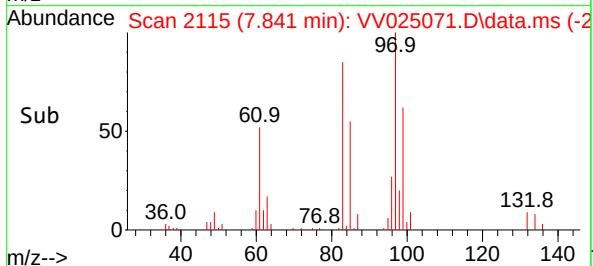
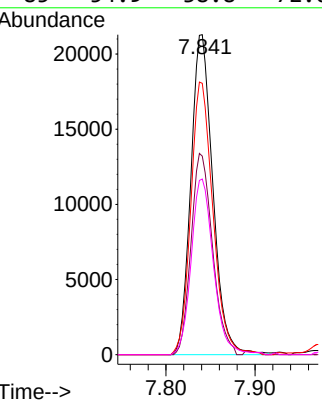
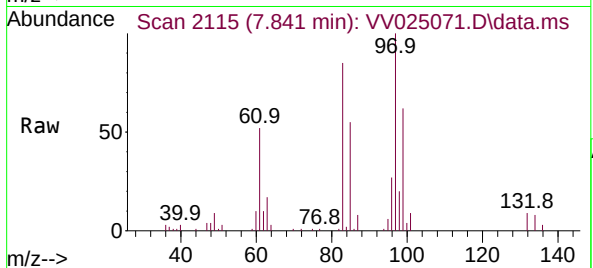
Ion Ratio Lower Upper

97 100

99 62.1 43.7 81.1

83 84.8 58.9 109.3

85 54.9 38.8 72.0



#47

Tetrachloroethene

Concen: 4.755 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Tgt Ion:164 Resp: 40081

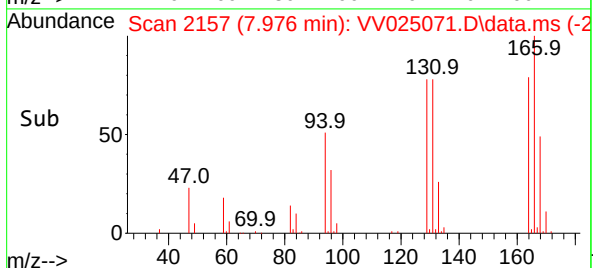
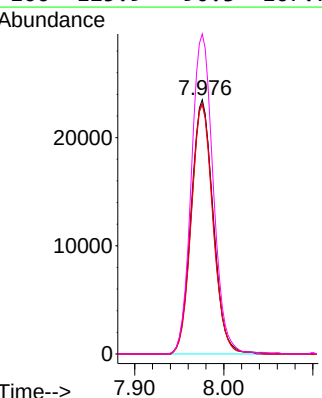
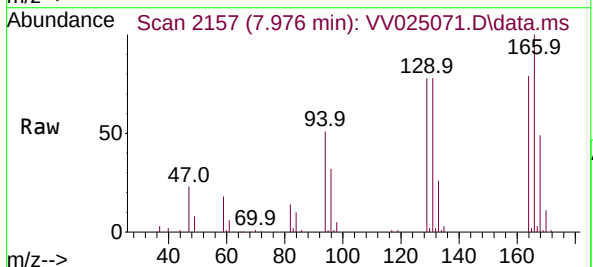
Ion Ratio Lower Upper

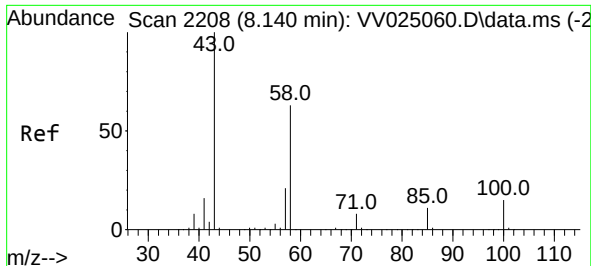
164 100

129 98.7 70.3 130.7

131 98.1 69.4 129.0

166 125.9 90.3 167.7



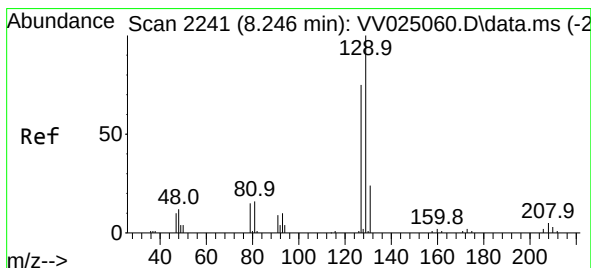
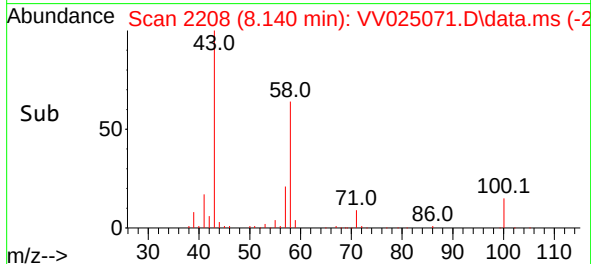
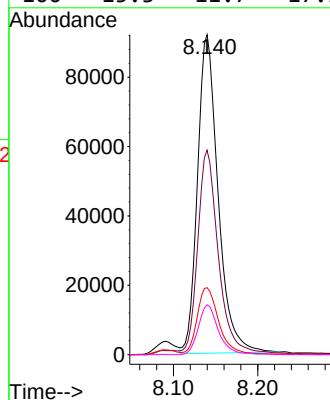
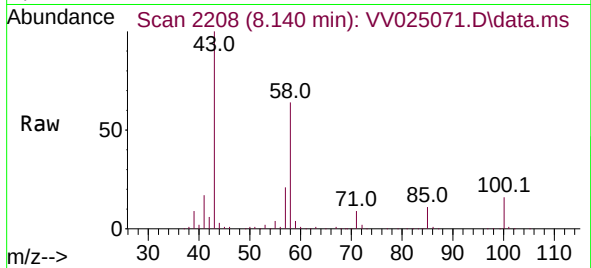


#48
2-Hexanone
Concen: 51.887 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 156530

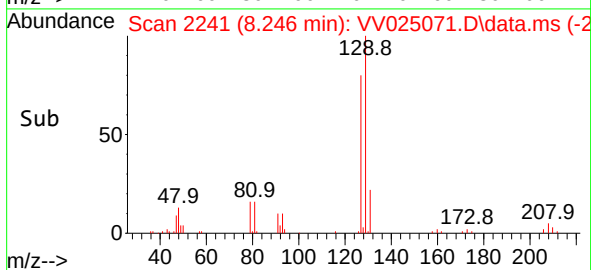
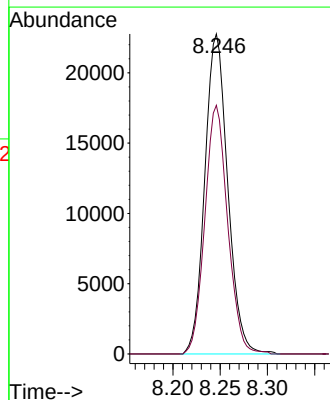
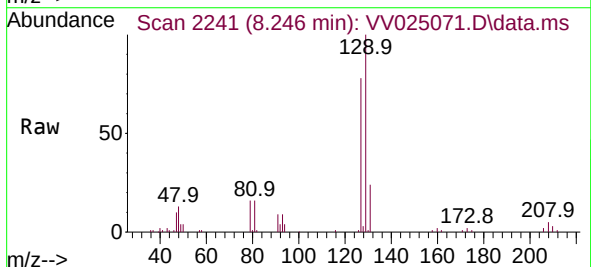
Ion	Ratio	Lower	Upper
43	100		
58	63.5	49.2	73.8
57	21.8	16.0	24.0
100	15.3	11.7	17.5

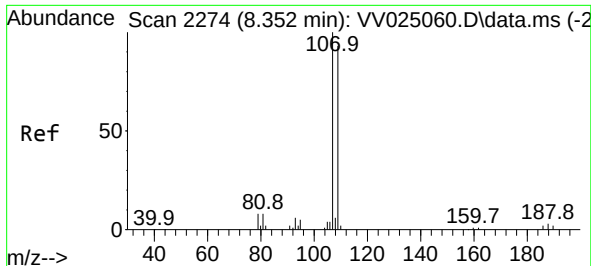


#49
Dibromochloromethane
Concen: 4.966 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

Tgt Ion: 129 Resp: 38394

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.228 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025071.D

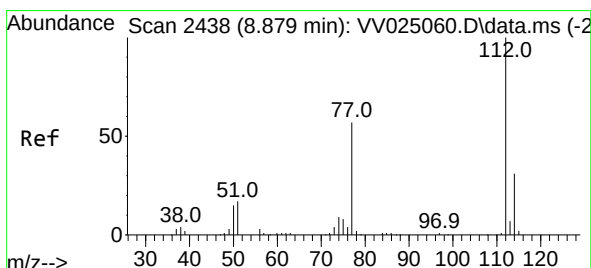
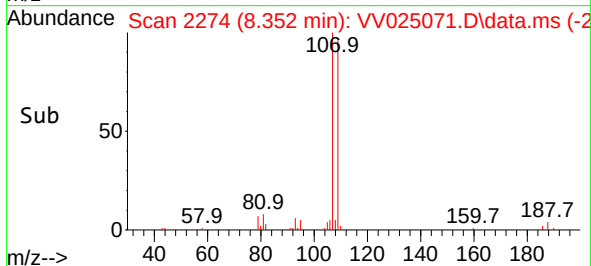
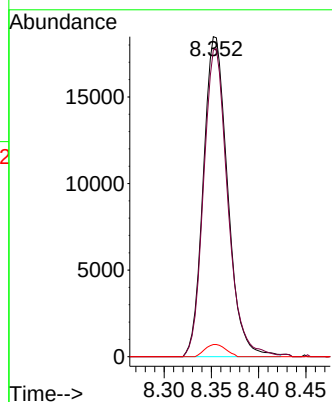
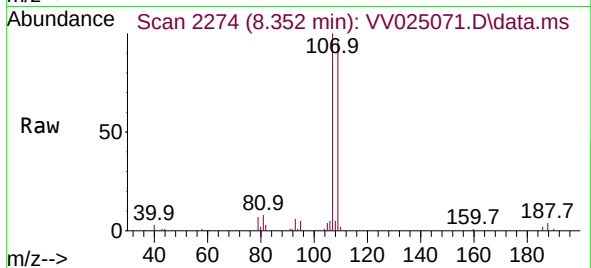
Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	33046
Ion	Ratio	Lower	Upper
107	100		
109	95.8	65.5	121.6
188	3.8	2.4	3.6#



#51

Chlorobenzene

Concen: 5.018 ug/L

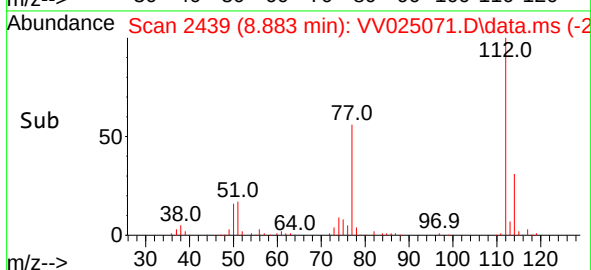
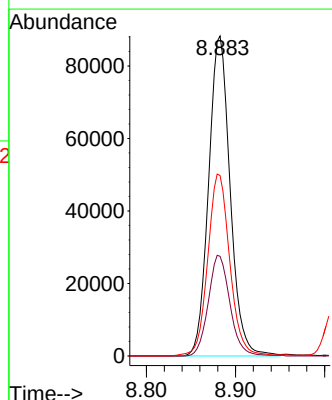
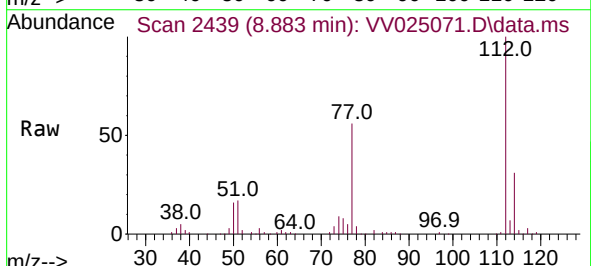
RT: 8.883 min Scan# 2439

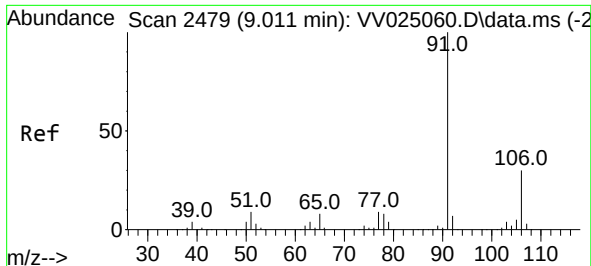
Delta R.T. 0.003 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Tgt Ion:	112	Resp:	147966
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.5	41.7
77	56.4	45.3	67.9





#52

Ethylbenzene

Concen: 4.979 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

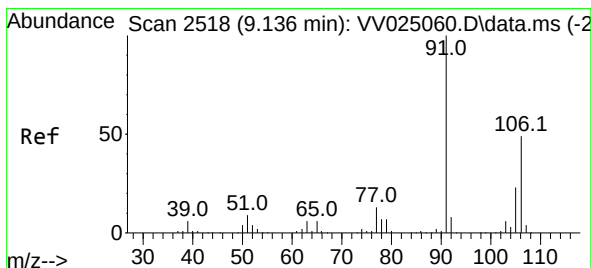
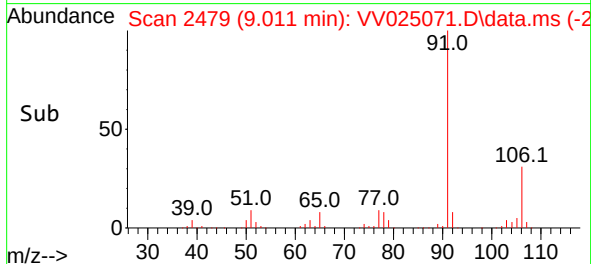
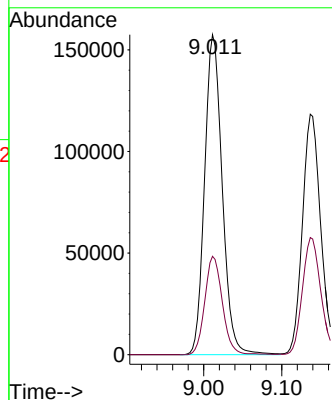
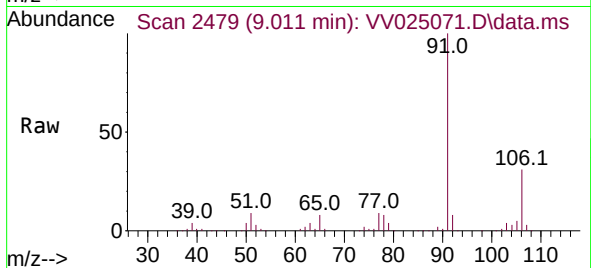
ClientSampleId :

Tgt Ion: 91 Resp: 248069

Ion Ratio Lower Upper

91 100

106 30.8 21.9 40.7



#53

m,p-xylene

Concen: 4.958 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV025071.D

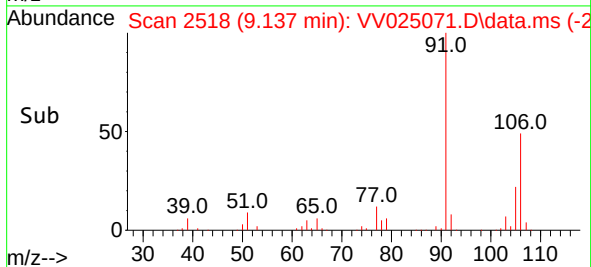
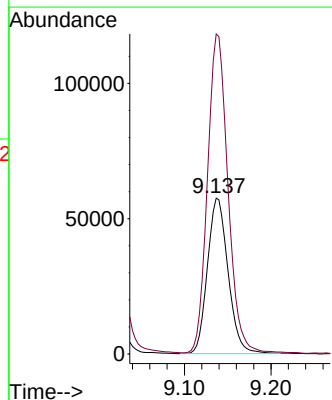
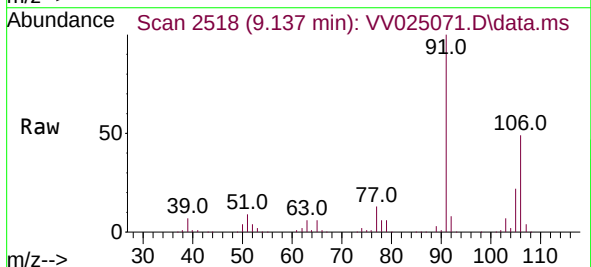
Acq: 17 Mar 2022 01:12

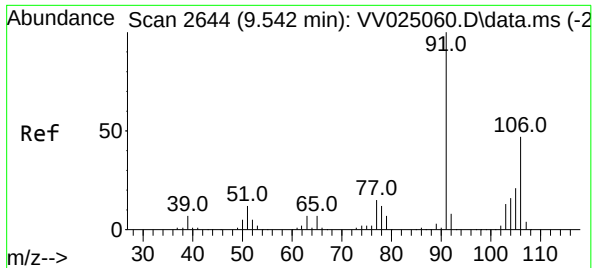
Tgt Ion:106 Resp: 95117

Ion Ratio Lower Upper

106 100

91 205.4 143.4 266.4

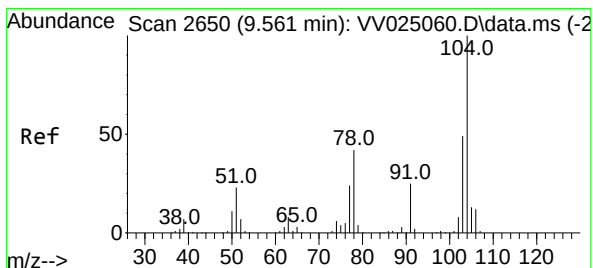
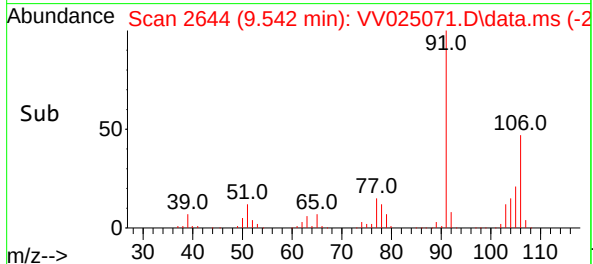
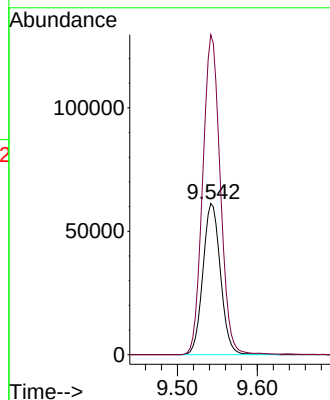
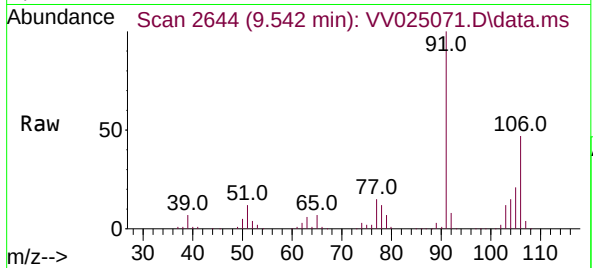




#54
o-xylene
Concen: 5.114 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

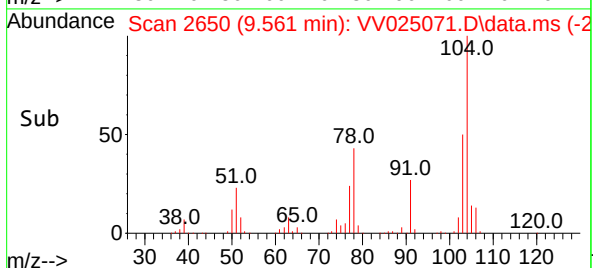
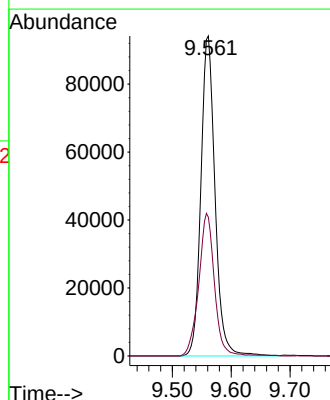
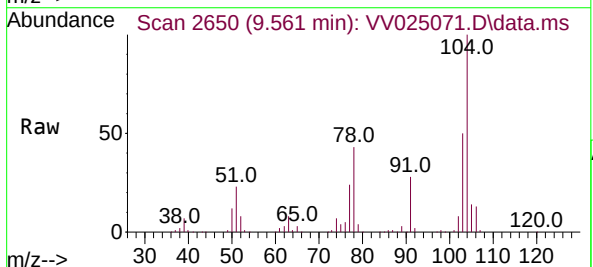
Instrument :
MSVOA_V
ClientSampleId :

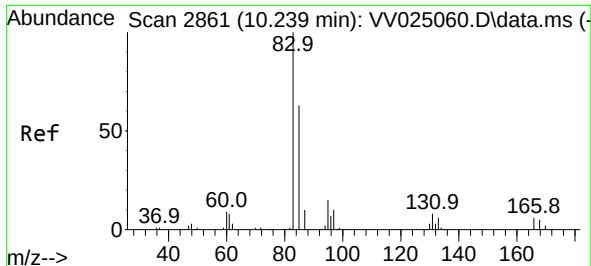
Tgt Ion:106 Resp: 93816
Ion Ratio Lower Upper
106 100
91 211.5 146.7 272.5



#55
Styrene
Concen: 5.265 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

Tgt Ion:104 Resp: 157315
Ion Ratio Lower Upper
104 100
78 43.4 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.305 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

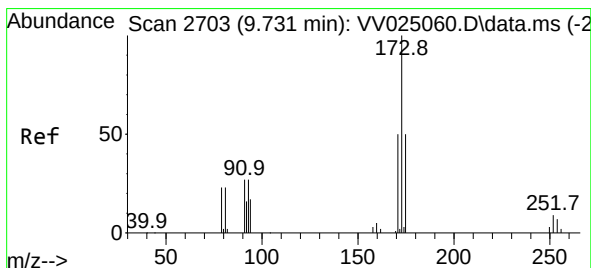
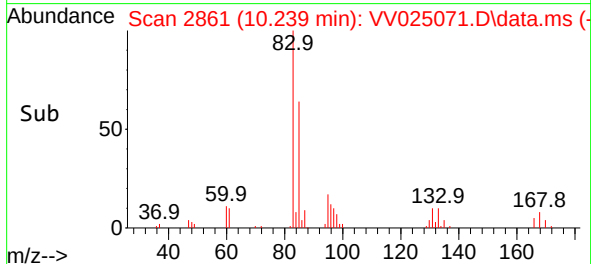
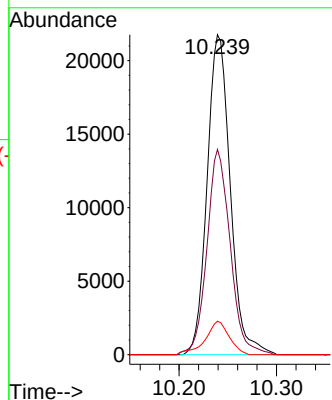
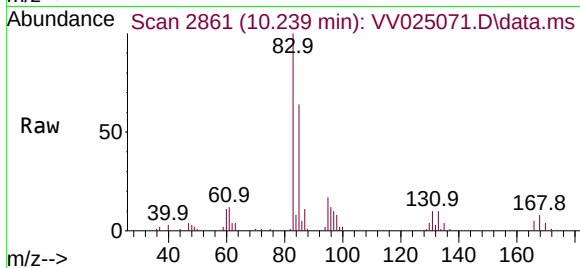
Tgt Ion: 83 Resp: 35923

Ion Ratio Lower Upper

83 100

85 64.2 43.9 81.5

131 10.5 7.5 11.3



#59

Bromoform

Concen: 4.423 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

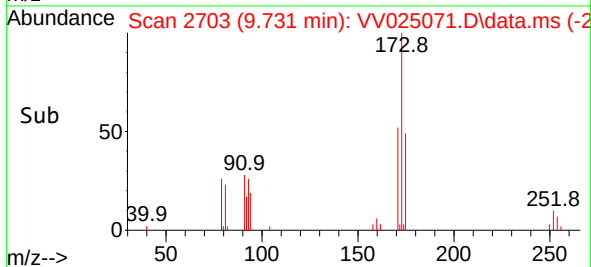
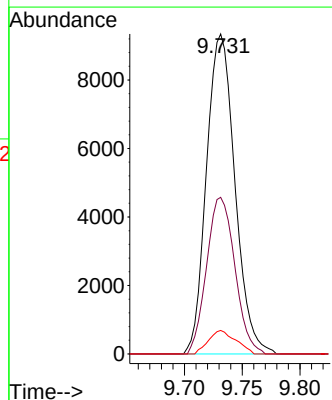
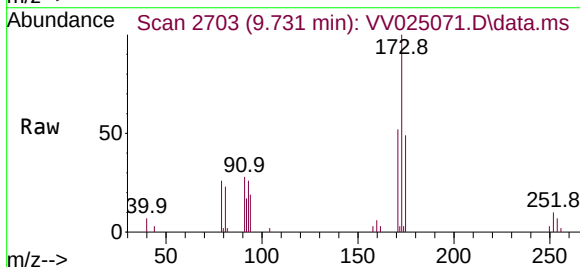
Tgt Ion: 173 Resp: 16006

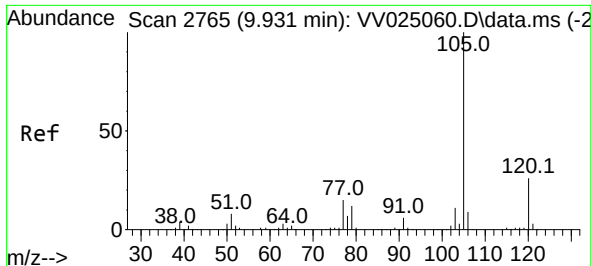
Ion Ratio Lower Upper

173 100

175 48.6 37.8 56.8

254 7.1 5.8 8.6

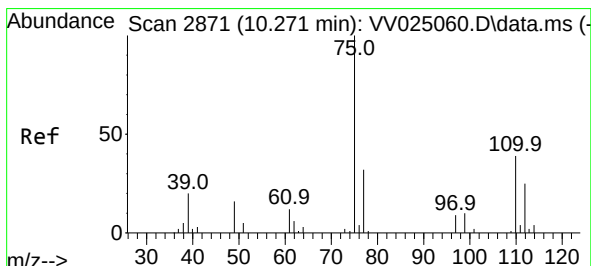
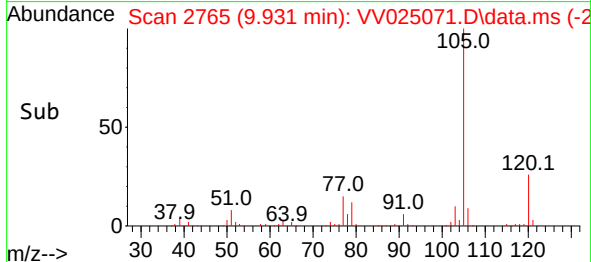
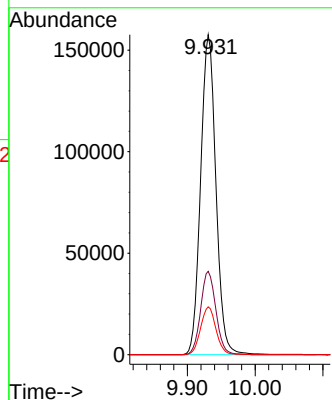
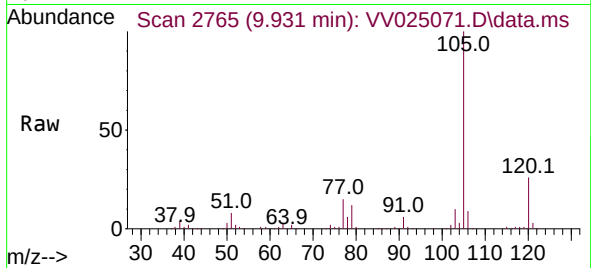




#60
Isopropylbenzene
Concen: 4.866 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

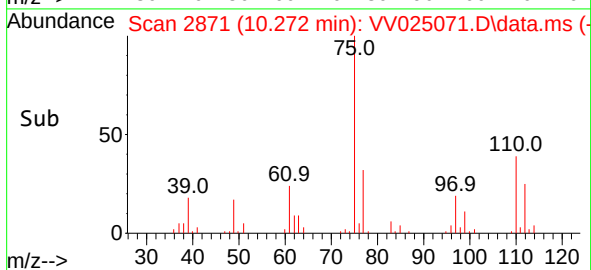
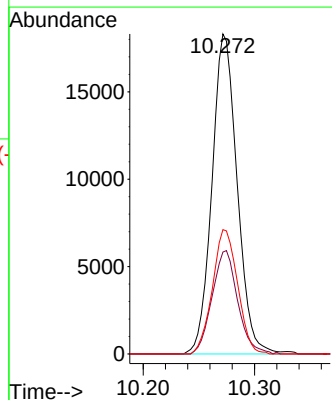
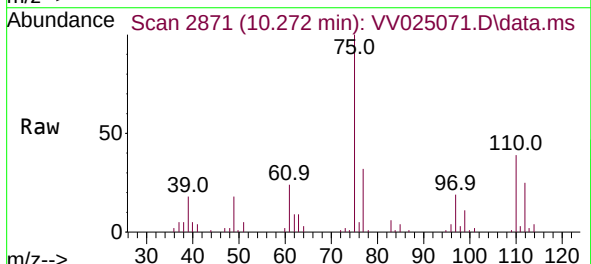
Instrument :
MSVOA_V
ClientSampleId :

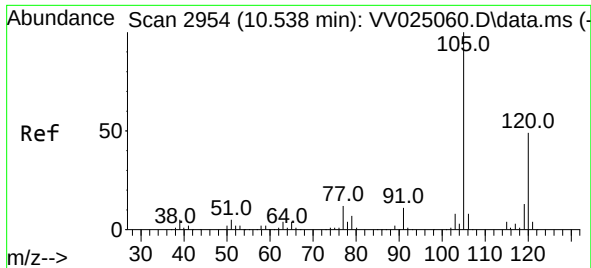
Tgt Ion:105 Resp: 246524
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.083 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

Tgt Ion: 75 Resp: 28723
Ion Ratio Lower Upper
75 100
77 32.9 25.7 38.5
110 38.8 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 4.595 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

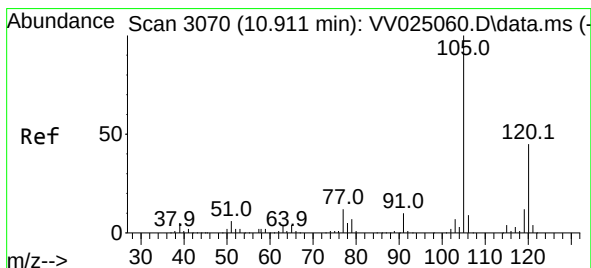
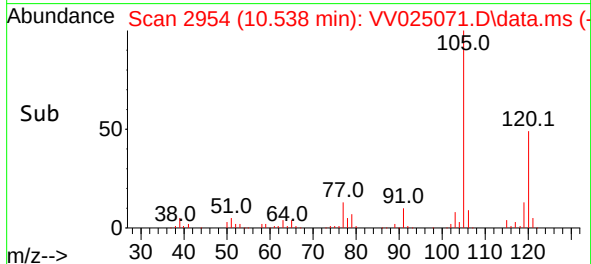
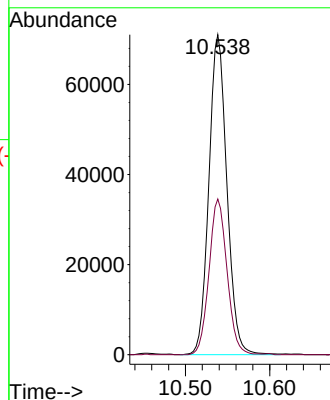
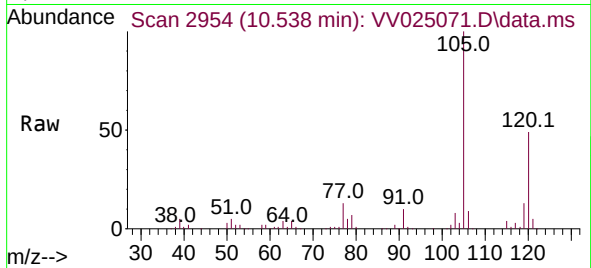
ClientSampleId :

Tgt Ion:105 Resp: 105639

Ion Ratio Lower Upper

105 100

120 48.6 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.797 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025071.D

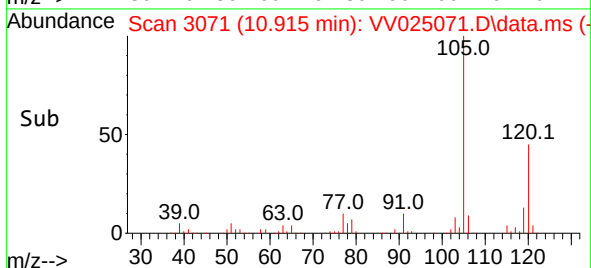
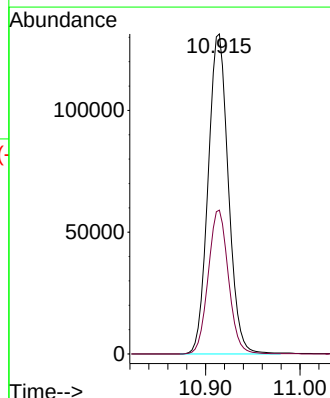
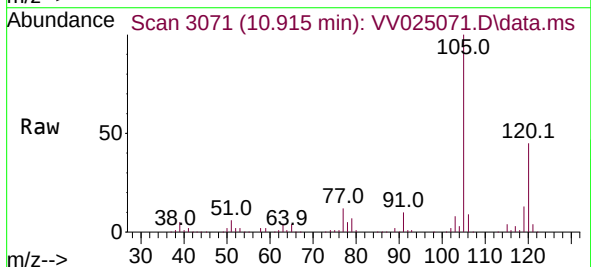
Acq: 17 Mar 2022 01:12

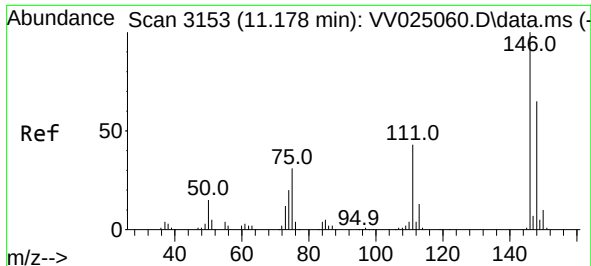
Tgt Ion:105 Resp: 195327

Ion Ratio Lower Upper

105 100

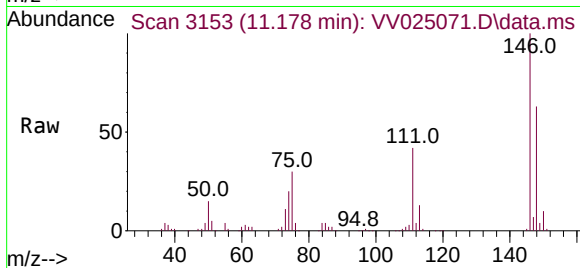
120 44.9 35.8 53.8



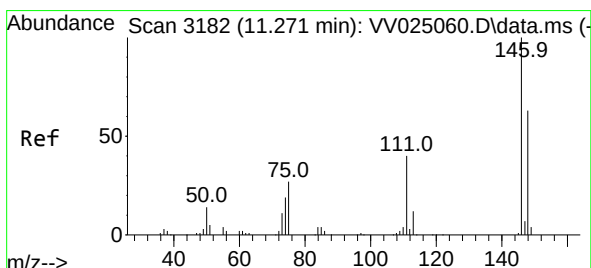
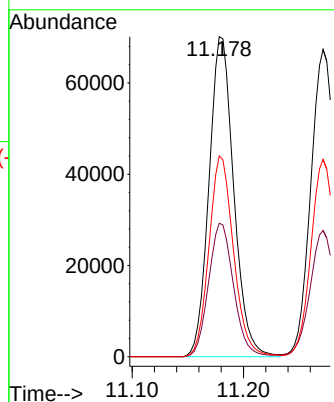
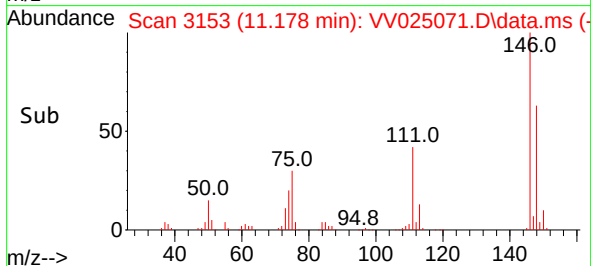


#64
1,3-Dichlorobenzene
Concen: 4.925 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12

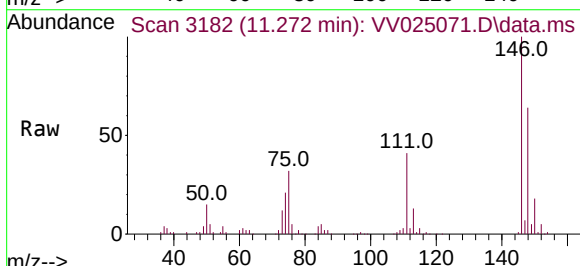
Instrument :
MSVOA_V
ClientSampleId :



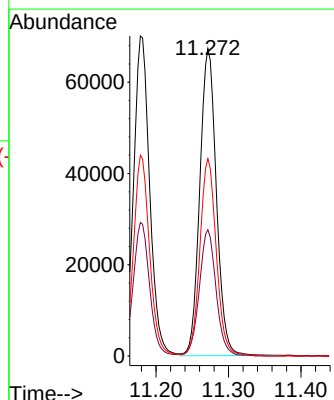
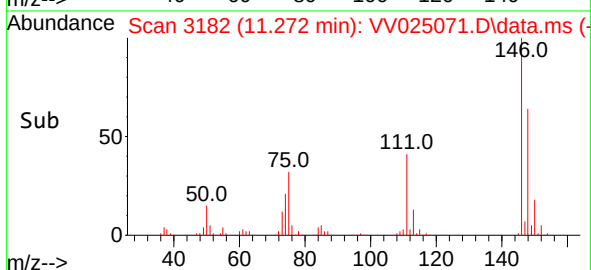
Tgt Ion:146 Resp: 108239
Ion Ratio Lower Upper
146 100
111 41.7 29.2 54.2
148 62.7 43.8 81.4

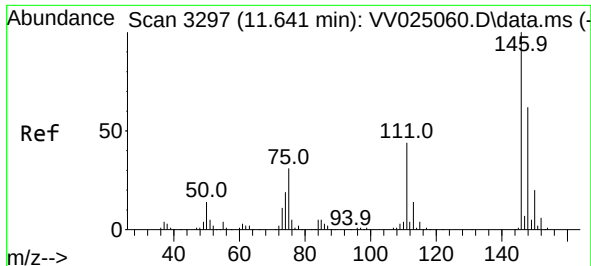


#65
1,4-Dichlorobenzene
Concen: 4.826 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025071.D
Acq: 17 Mar 2022 01:12



Tgt Ion:146 Resp: 106924
Ion Ratio Lower Upper
146 100
111 41.1 28.2 52.4
148 64.2 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 4.944 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

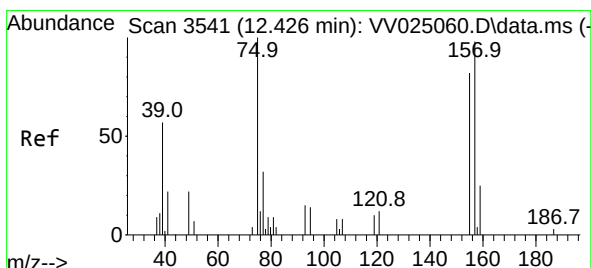
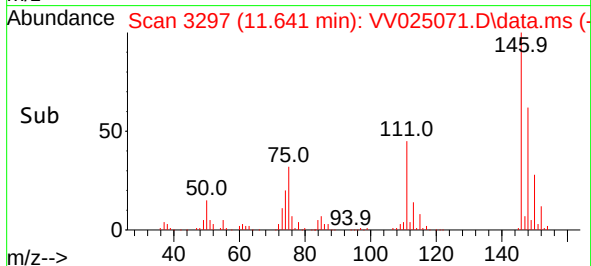
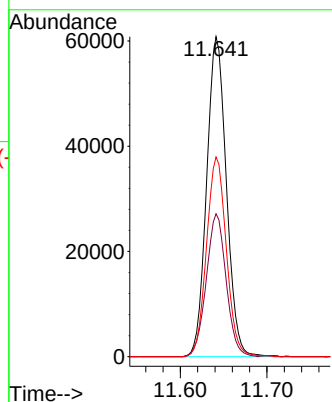
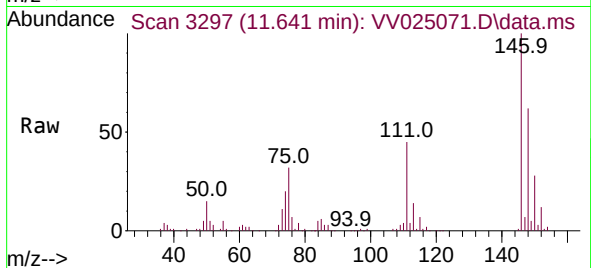
Tgt Ion:146 Resp: 96276

Ion Ratio Lower Upper

146 100

111 44.6 35.5 53.3

148 62.4 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.805 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

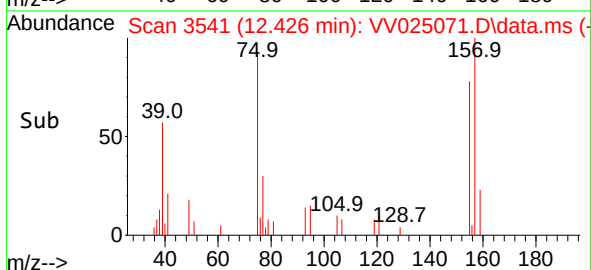
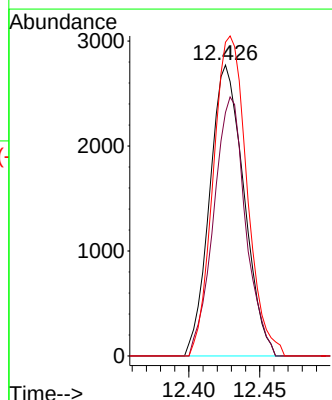
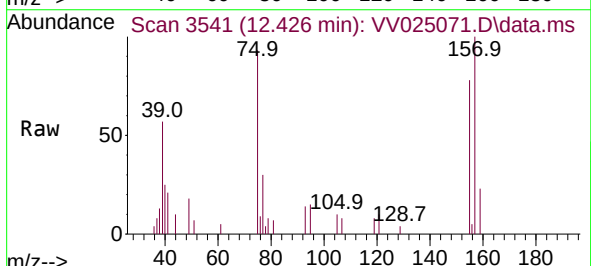
Tgt Ion: 75 Resp: 4654

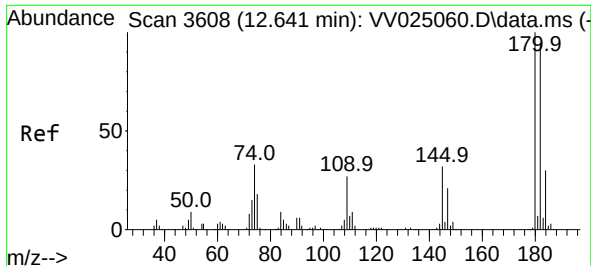
Ion Ratio Lower Upper

75 100

155 83.7 65.9 98.9

157 107.9 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 4.590 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

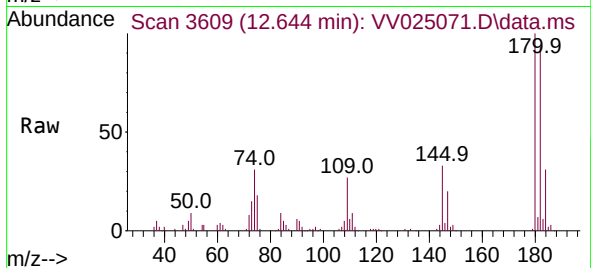
Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 71259

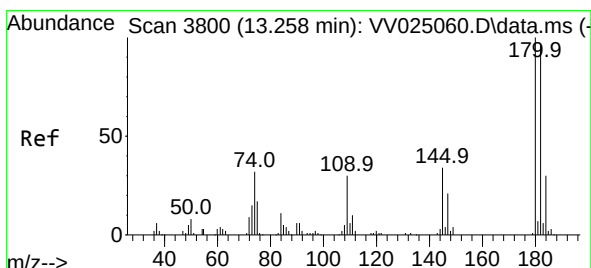
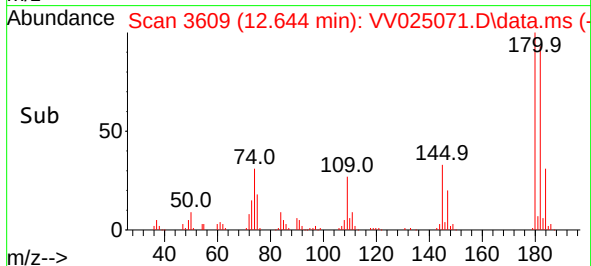
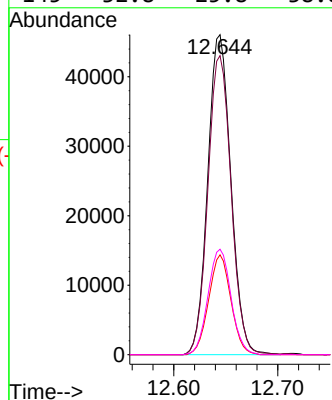
Ion Ratio Lower Upper

180 100

182 94.0 75.4 113.0

184 30.0 24.2 36.4

145 32.8 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 4.598 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

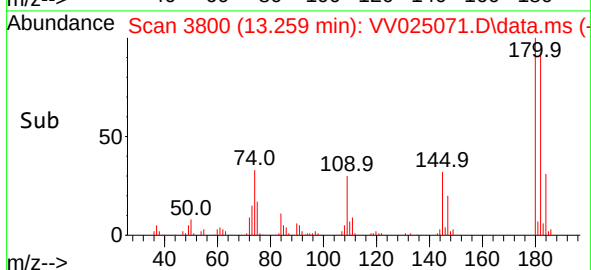
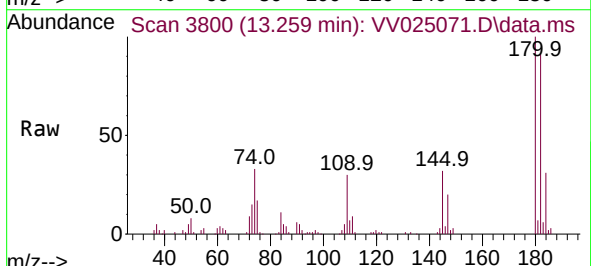
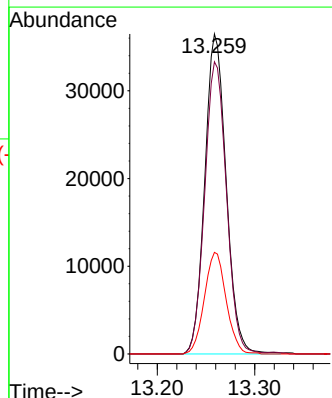
Tgt Ion:180 Resp: 55619

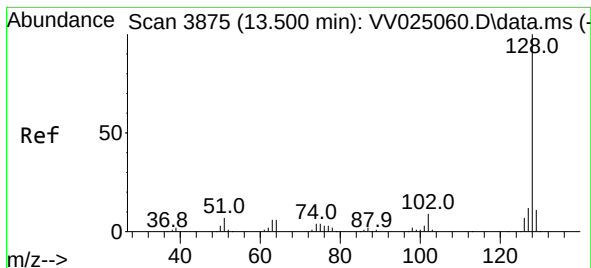
Ion Ratio Lower Upper

180 100

182 92.6 74.6 112.0

145 32.3 26.1 39.1





#71

Naphthalene

Concen: 4.571 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025071.D

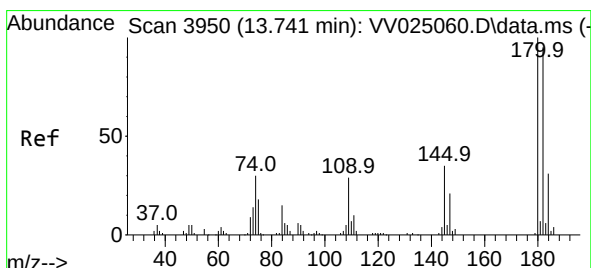
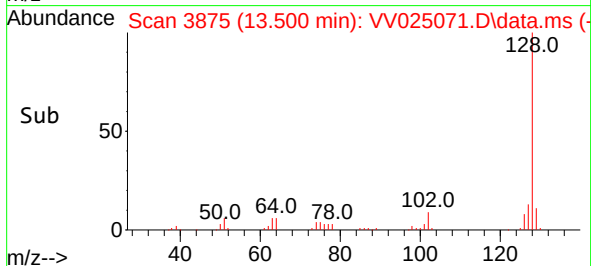
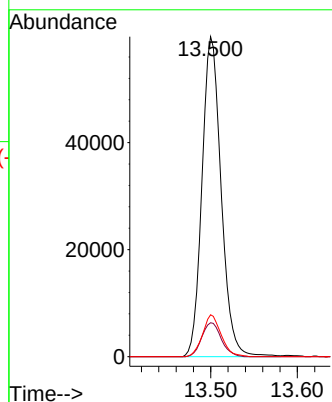
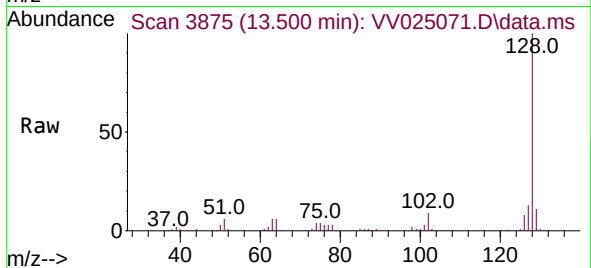
Acq: 17 Mar 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	91804
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.5 12.7
127	12.7	9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 4.674 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025071.D

Acq: 17 Mar 2022 01:12

Tgt Ion:180	Resp:	47901
Ion Ratio	Lower	Upper
180	100	
182	96.0	74.8 112.2
145	35.6	27.6 41.4

