

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081822\
 Data File : VW027423.D
 Acq On : 17 Aug 2022 17:23
 Operator : SY/MD
 Sample : N4015-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 02:25:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 02:23:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	288048	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	290715	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	135590	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93472	47.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.200%
7) Chloroethane-d5	1.564	69	67694	47.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.300%
11) 1,1-Dichloroethene-d2	2.105	63	158434	44.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.220%
21) 2-Butanone-d5	3.879	46	142935	81.767	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.770%
24) Chloroform-d	4.342	84	186795	46.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
26) 1,2-Dichloroethane-d4	5.027	65	122598	49.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.180%
32) Benzene-d6	5.047	84	369128	52.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.900%
36) 1,2-Dichloropropane-d6	6.066	67	123210	49.683	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.360%
41) Toluene-d8	7.313	98	302487	50.903	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	7.619	79	48756	45.106	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.220%
47) 2-Hexanone-d5	8.088	63	87311	73.099	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	158607	39.246	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.500%
66) 1,2-Dichlorobenzene-d4	11.622	152	108644	46.399	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	5569	2.173	ug/L	98
3) Chloromethane	1.240	50	5771	1.971	ug/L	94
5) Vinyl chloride	1.310	62	5771	1.979	ug/L	# 62
6) Bromomethane	1.519	94	2817	2.049	ug/L	95
8) Chloroethane	1.584	64	3462	2.131	ug/L	85
9) Trichlorofluoromethane	1.751	101	9157	2.447	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	6941	3.345	ug/L	# 86
12) 1,1-Dichloroethene	2.114	96	6244	3.128	ug/L	# 1
13) Acetone	2.172	43	8065	5.983	ug/L	85
14) Carbon disulfide	2.294	76	12391	1.824	ug/L	95
15) Methyl Acetate	2.436	43	6843	2.232	ug/L	# 87
16) Methylene chloride	2.503	84	8914	3.344	ug/L	85
17) trans-1,2-Dichloroethene	2.761	96	4223	1.912	ug/L	88
18) Methyl tert-butyl Ether	2.770	73	14973	2.279	ug/L	# 90
19) 1,1-Dichloroethane	3.188	63	10656	2.403	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	5778	2.518	ug/L	100
22) 2-Butanone	4.005	43	5337	2.888	ug/L	77
23) Bromochloromethane	4.249	128	1578	1.232	ug/L	80
25) Chloroform	4.371	83	18548	4.139	ug/L	93

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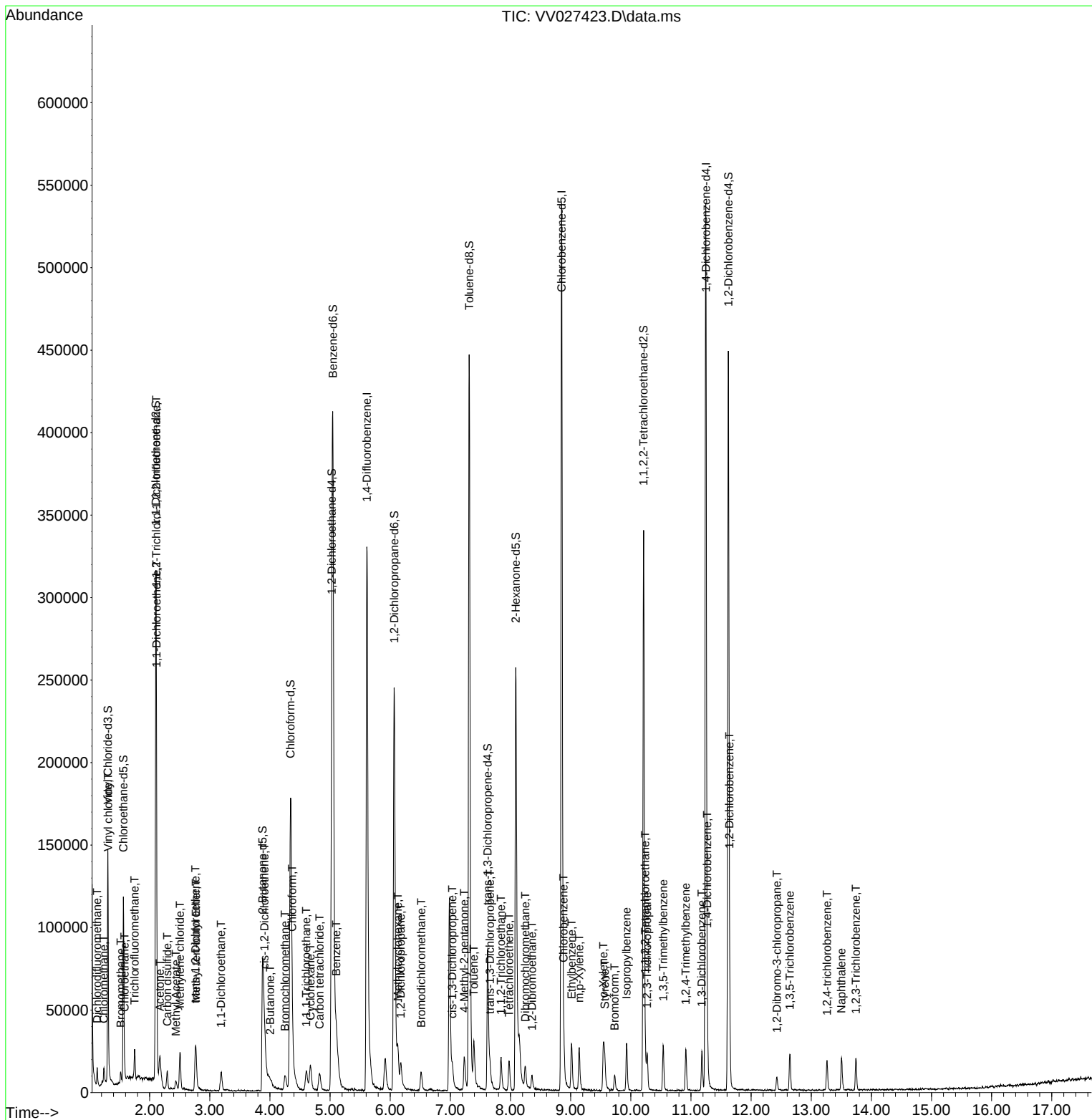
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 ClientSampleId :

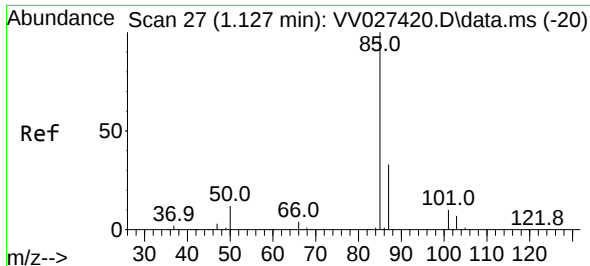
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 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 02:23:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.674	56	6428	1.920	ug/L #	54
30) 1,1,1-Trichloroethane	4.603	97	9514	2.469	ug/L	96
31) Carbon tetrachloride	4.825	117	8256	2.468	ug/L	98
33) Benzene	5.101	78	21300	2.280	ug/L	100
35) Methylcyclohexane	6.127	83	7628	2.169	ug/L #	77
37) 1,2-Dichloropropane	6.175	63	4969	1.899	ug/L #	96
38) Bromodichloromethane	6.516	83	8533	2.488	ug/L	86
39) cis-1,3-Dichloropropene	7.034	75	7700	2.221	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	15123	4.050	ug/L #	82
42) Toluene	7.391	91	21604	2.274	ug/L	96
44) trans-1,3-Dichloropropene	7.657	75	10044	2.948	ug/L	93
45) 1,1,2-Trichloroethane	7.841	97	6123	2.427	ug/L	95
46) Tetrachloroethene	7.979	164	4032	2.303	ug/L	91
49) Dibromochloromethane	8.246	129	6510	2.441	ug/L	87
50) 1,2-Dibromoethane	8.358	107	6121	2.358	ug/L #	95
51) Chlorobenzene	8.883	112	14371	2.256	ug/L	95
52) Ethylbenzene	9.014	91	19617	2.001	ug/L	98
53) m,p-Xylene	9.143	106	7396	1.997	ug/L	94
54) o-Xylene	9.545	106	7048	1.953	ug/L	91
55) Styrene	9.567	104	10662	1.677	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.239	83	11152	2.639	ug/L #	98
59) Bromoform	9.731	173	4348	2.699	ug/L #	74
60) Isopropylbenzene	9.931	105	17040	1.994	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	7829	2.515	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	13166	1.866	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	12645	1.829	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	9072	2.191	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	10368	2.379	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	11688	2.694	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	2156	2.469	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	6644	2.389	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	5321	2.303	ug/L	98
71) Naphthalene	13.503	128	15597	1.972	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	5847	2.283	ug/L	91

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

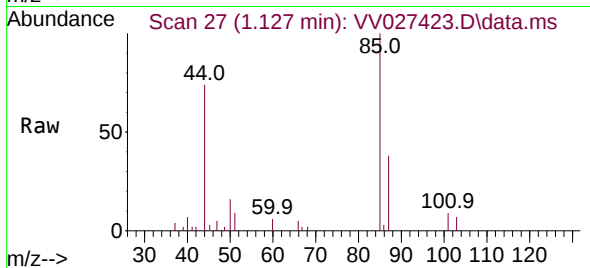
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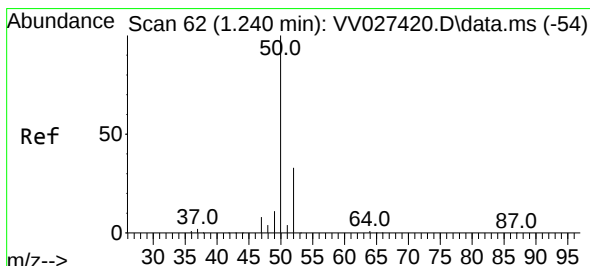
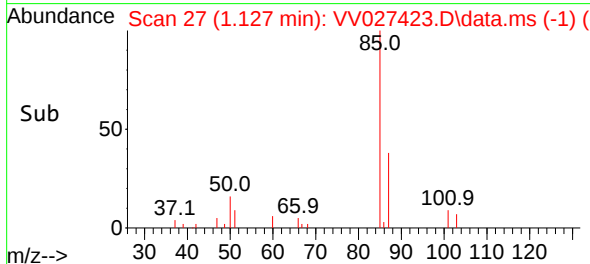
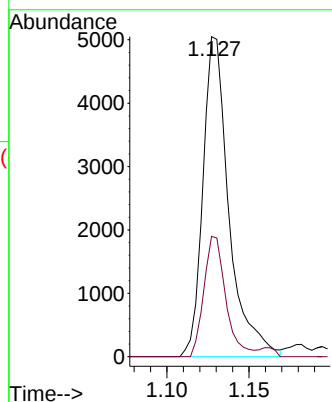


#2
 Dichlorodifluoromethane
 Concen: 2.173 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027423.D
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Instrument :
 MSVOA_V
 ClientSampleId :

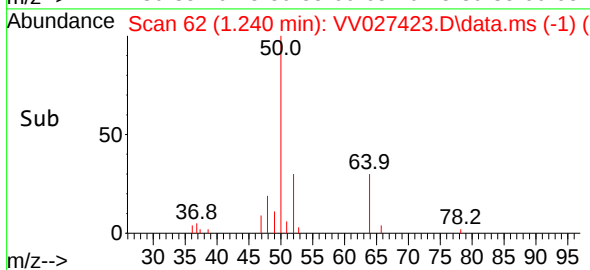
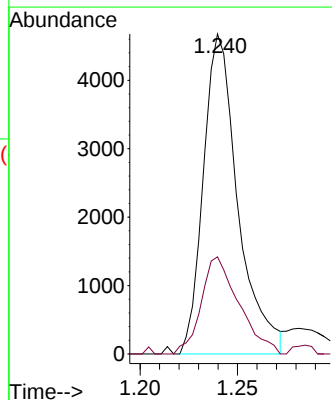
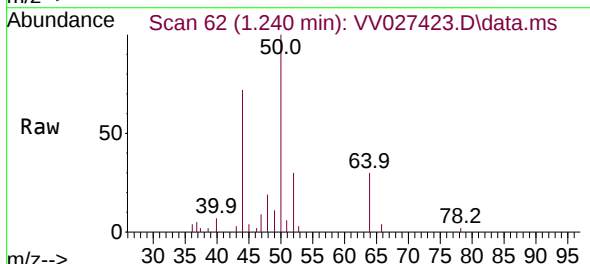


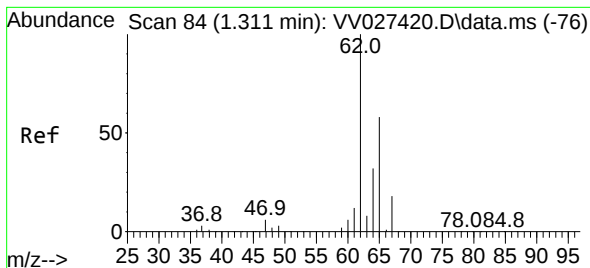
Tgt Ion: 85 Resp: 5569
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.1 39.1



#3
 Chloromethane
 Concen: 1.971 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027423.D
 Acq: 17 Aug 2022 17:23

Tgt Ion: 50 Resp: 5771
 Ion Ratio Lower Upper
 50 100
 52 30.3 23.5 43.7





#5

Vinyl chloride

Concen: 1.979 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

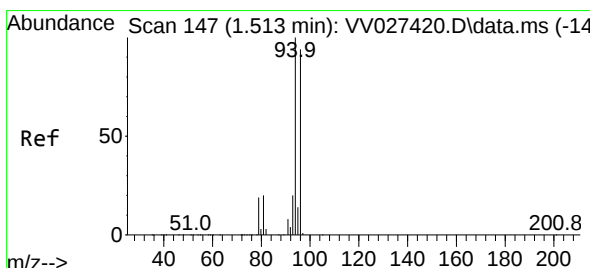
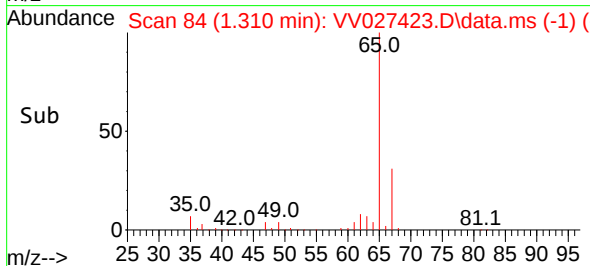
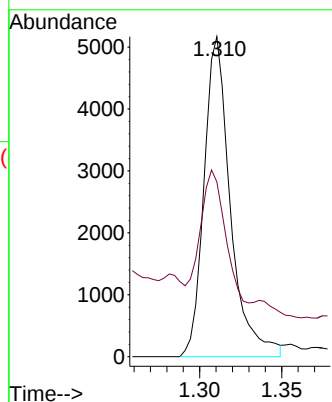
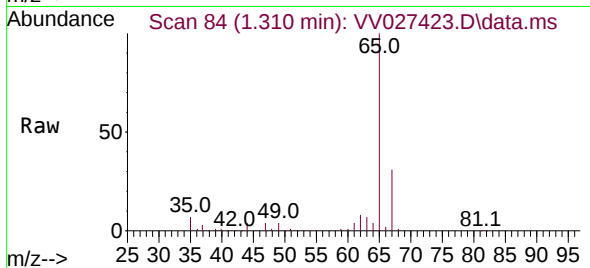
ClientSampleId :

Tgt Ion: 62 Resp: 5771

Ion Ratio Lower Upper

62 100

64 54.7 23.2 43.2#



#6

Bromomethane

Concen: 2.049 ug/L

RT: 1.519 min Scan# 149

Delta R.T. 0.006 min

Lab File: VV027423.D

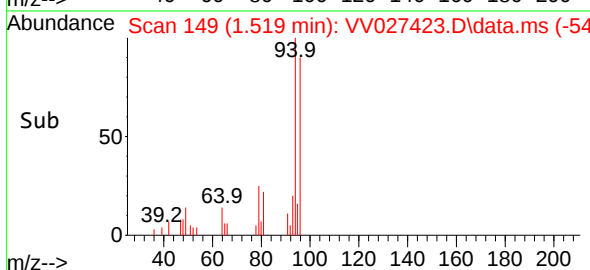
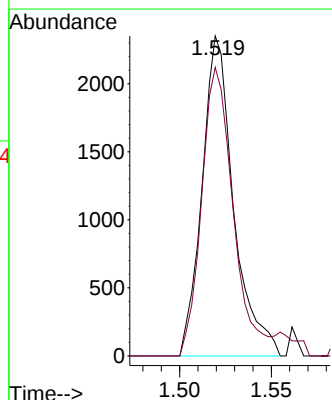
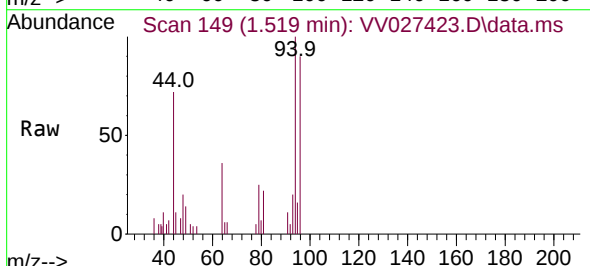
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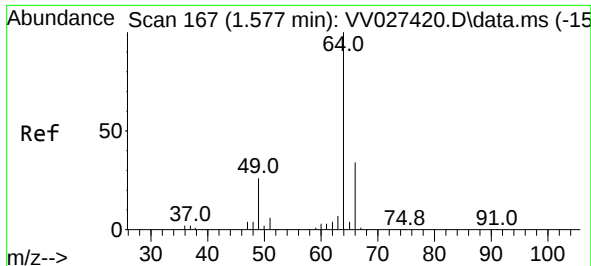
Tgt Ion: 94 Resp: 2817

Ion Ratio Lower Upper

94 100

96 90.1 66.1 122.8

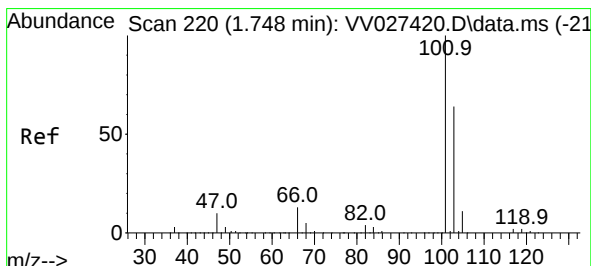
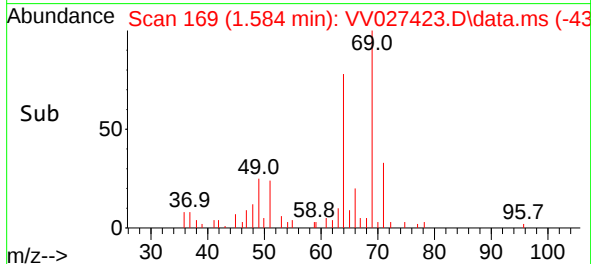
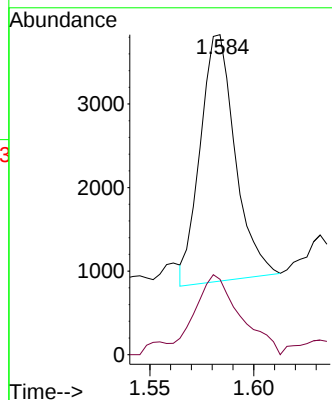
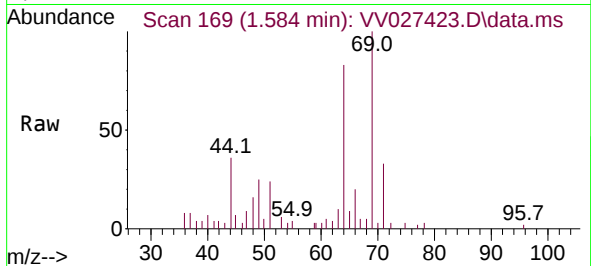




#8
Chloroethane
Concen: 2.131 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

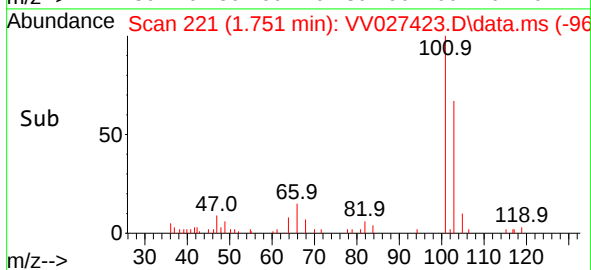
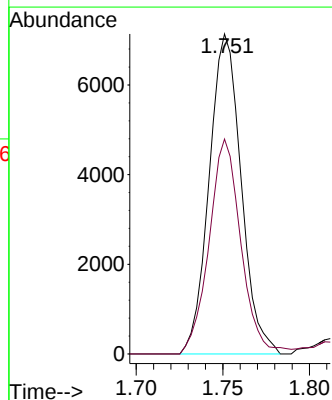
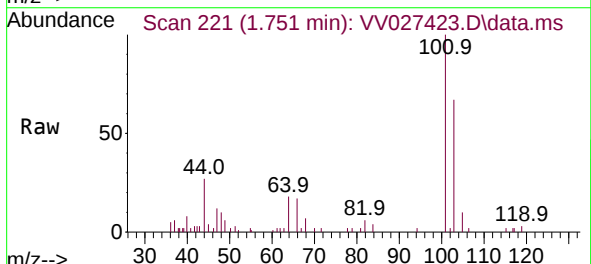
Instrument :
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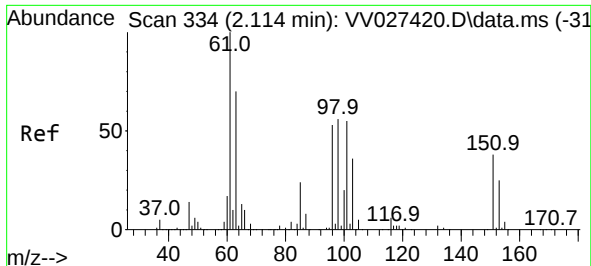
Tgt Ion: 64 Resp: 3462
Ion Ratio Lower Upper
64 100
66 23.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 2.447 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

Tgt Ion:101 Resp: 9157
Ion Ratio Lower Upper
101 100
103 66.1 52.4 78.6





#10

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

Concen: 3.345 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

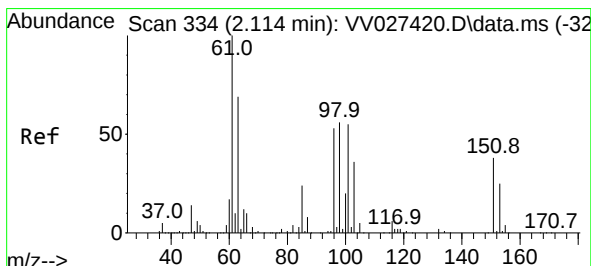
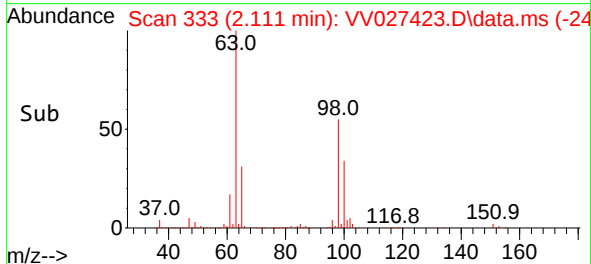
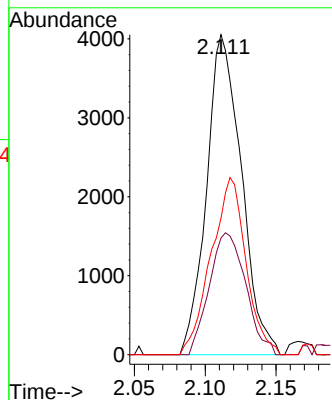
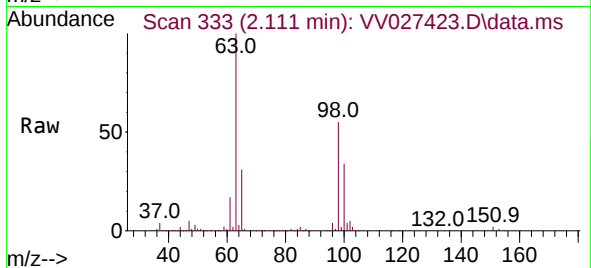
Tgt Ion:101 Resp: 6941

Ion Ratio Lower Upper

101 100

85 39.8 34.1 51.1

151 55.4 57.8 86.8#



#12

1,1-Dichloroethene

Concen: 3.128 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

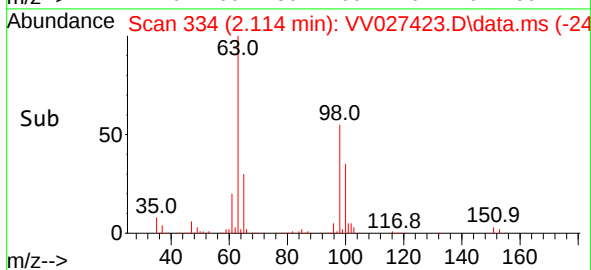
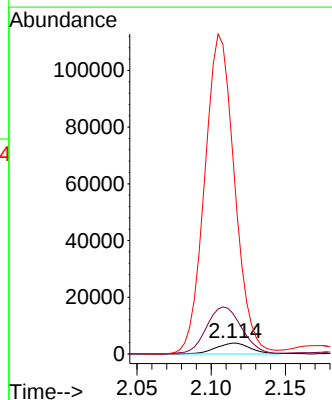
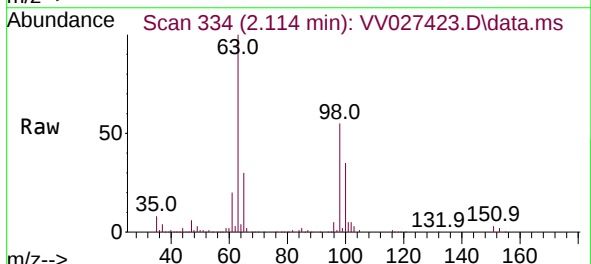
Tgt Ion: 96 Resp: 6244

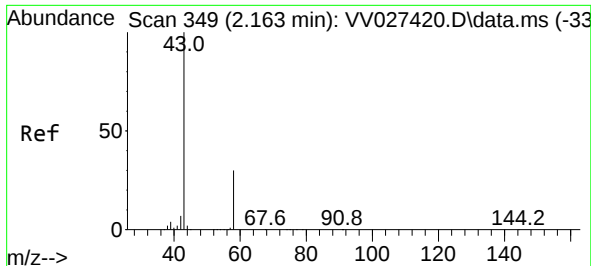
Ion Ratio Lower Upper

96 100

61 378.0 114.3 212.3#

63 1868.8 93.4 173.4#





#13

Acetone

Concen: 5.983 ug/L

RT: 2.172 min Scan# 3

Delta R.T. 0.010 min

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Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

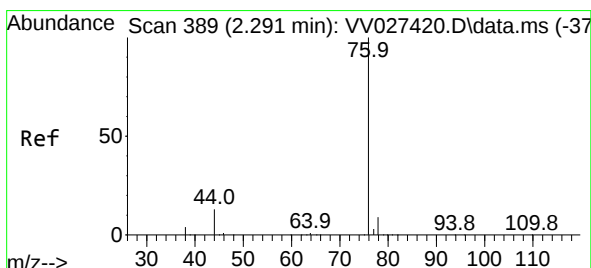
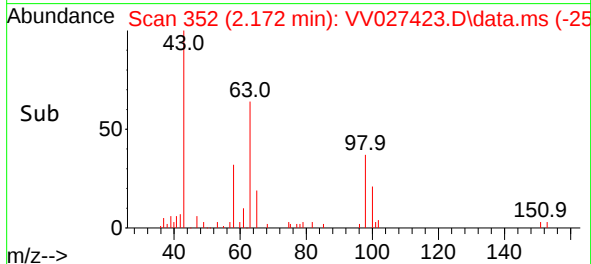
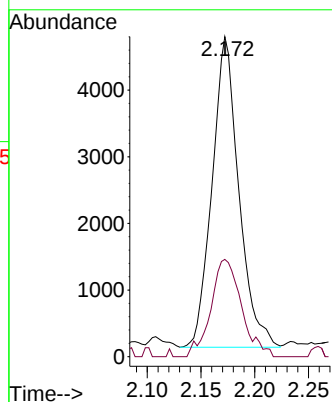
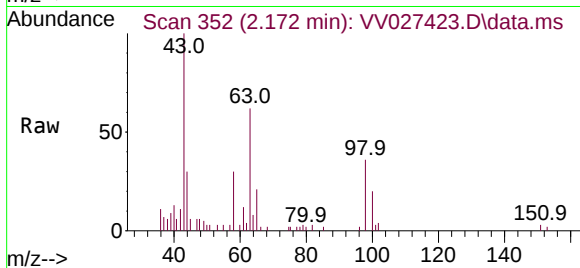
ClientSampleId :

Tgt Ion: 43 Resp: 8065

Ion Ratio Lower Upper

43 100

58 32.4 0.0 49.6



#14

Carbon disulfide

Concen: 1.824 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV027423.D

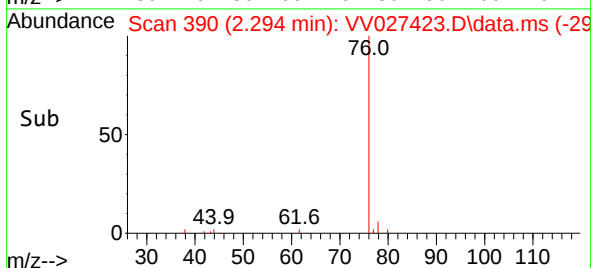
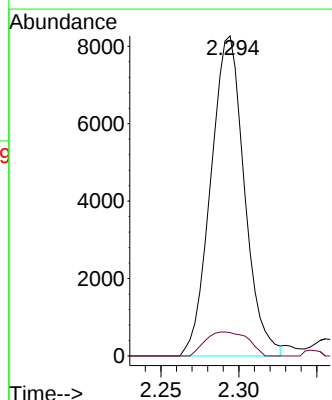
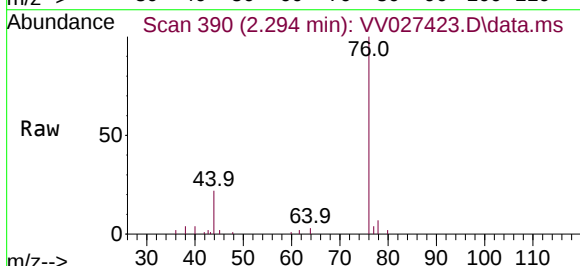
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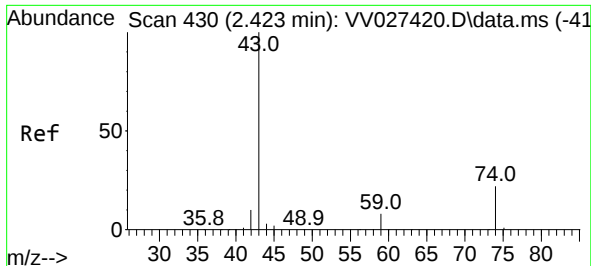
Tgt Ion: 76 Resp: 12391

Ion Ratio Lower Upper

76 100

78 7.3 7.3 10.9

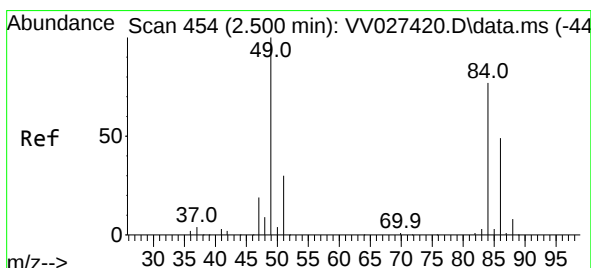
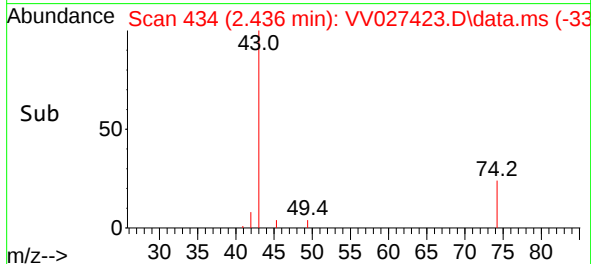
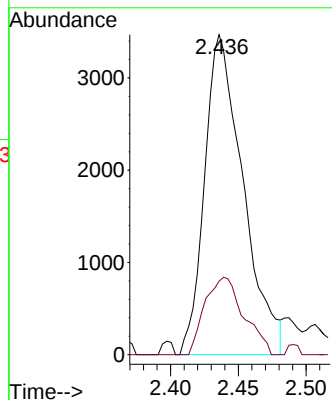
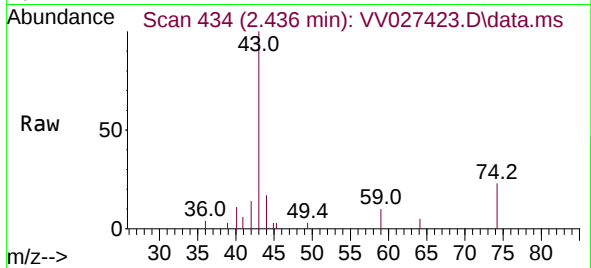




#15
Methyl Acetate
Concen: 2.232 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

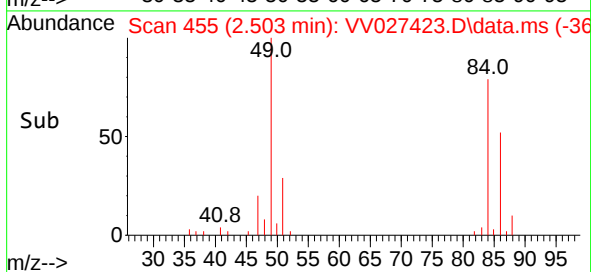
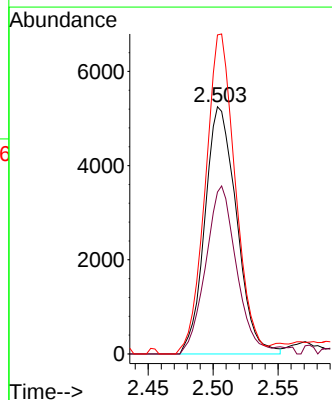
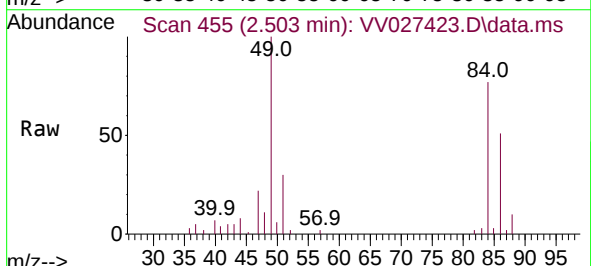
Instrument :
MSVOA_V
ClientSampleId :

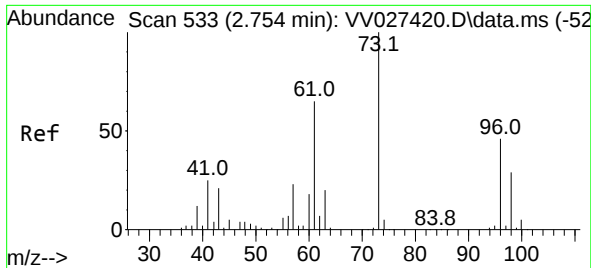
Tgt Ion: 43 Resp: 6843
Ion Ratio Lower Upper
43 100
74 24.5 25.5 38.3#



#16
Methylene chloride
Concen: 3.344 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

Tgt Ion: 84 Resp: 8914
Ion Ratio Lower Upper
84 100
86 65.5 45.0 83.6
49 129.1 74.1 137.7

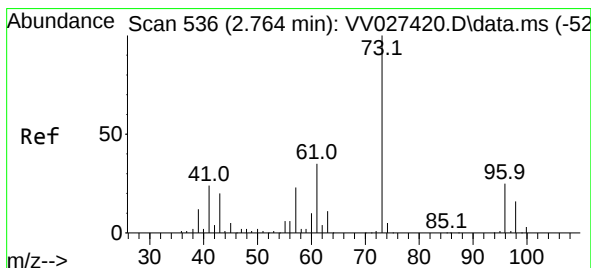
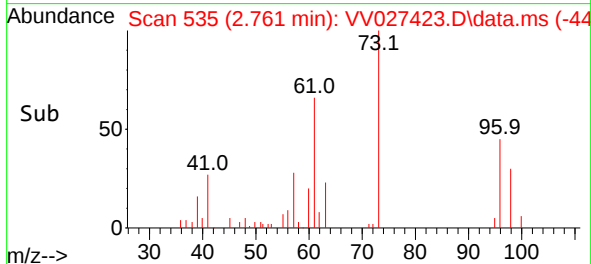
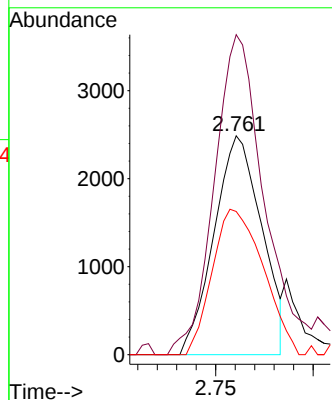
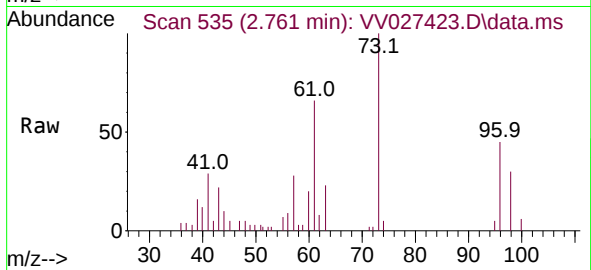




#17
trans-1,2-Dichloroethene
Concen: 1.912 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

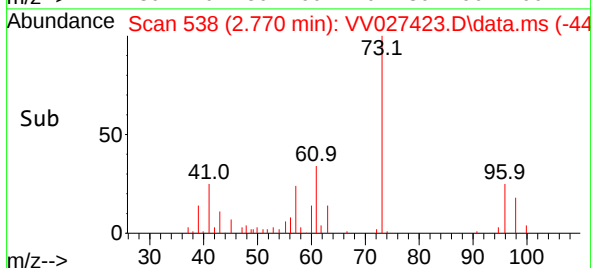
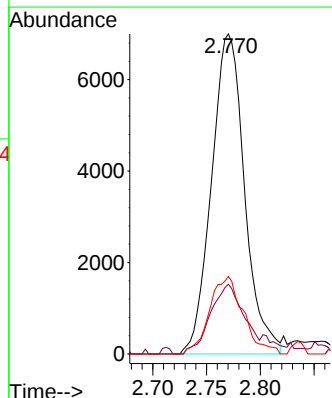
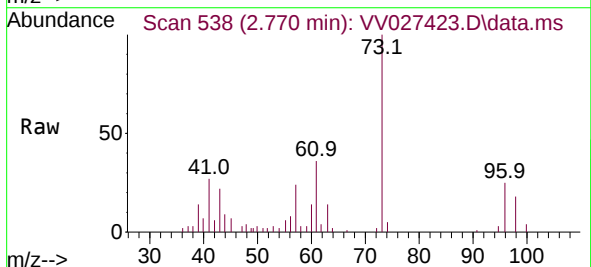
Instrument :
MSVOA_V
ClientSampleId :

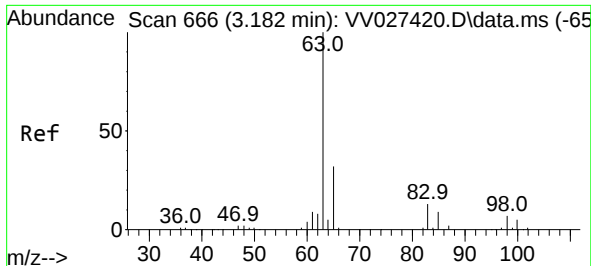
Tgt Ion: 96 Resp: 4223
Ion Ratio Lower Upper
96 100
61 146.2 89.2 165.6
98 65.5 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 2.279 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

Tgt Ion: 73 Resp: 14973
Ion Ratio Lower Upper
73 100
43 22.0 12.6 18.8#
57 24.8 17.3 25.9





#19

1,1-Dichloroethane

Concen: 2.403 ug/L

RT: 3.188 min Scan# 666

Delta R.T. 0.006 min

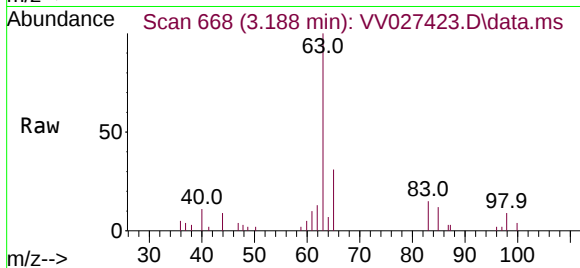
Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

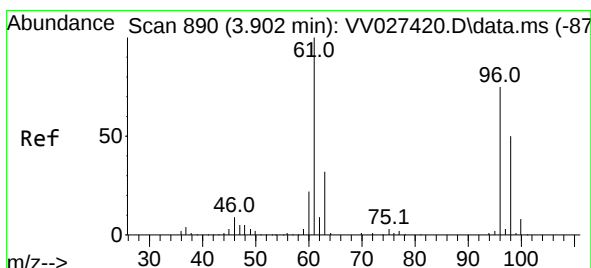
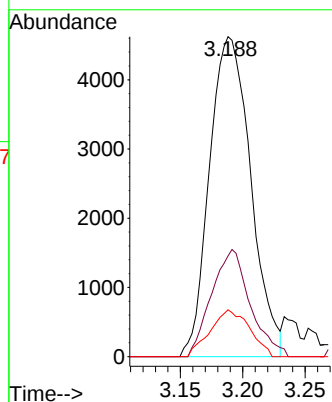
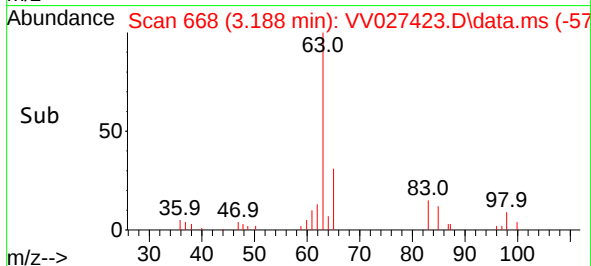
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	10656
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.7	42.3
83	14.6	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 2.518 ug/L

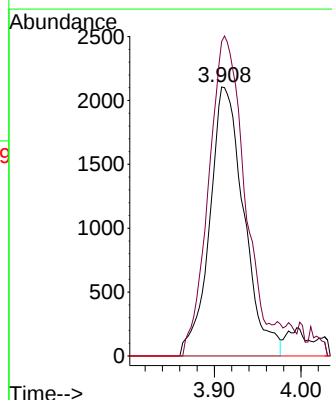
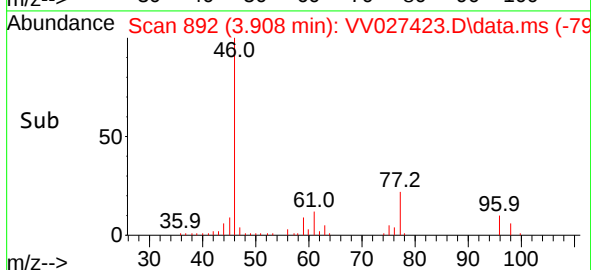
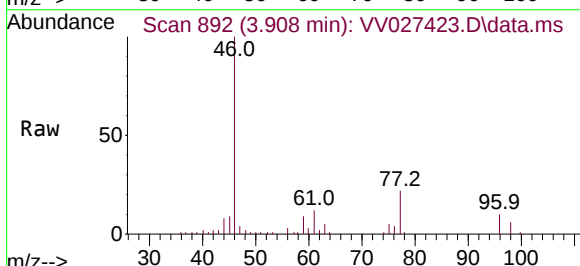
RT: 3.908 min Scan# 892

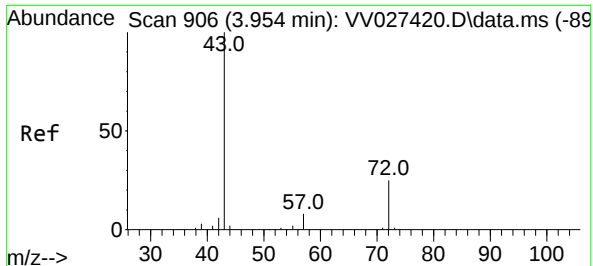
Delta R.T. 0.006 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Tgt Ion:	96	Resp:	5778
Ion	Ratio	Lower	Upper
96	100		
61	116.9	81.8	151.8
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 2.888 ug/L

RT: 4.005 min Scan# 91

Delta R.T. 0.051 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

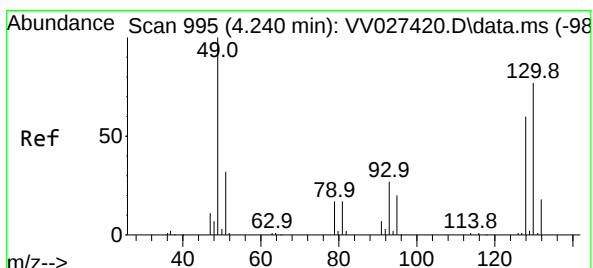
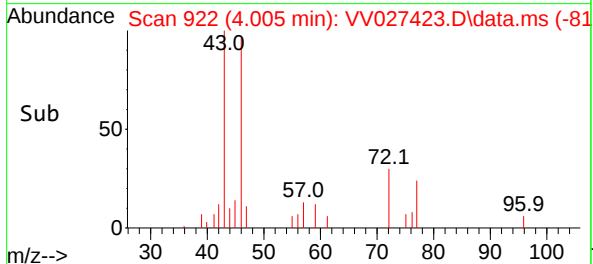
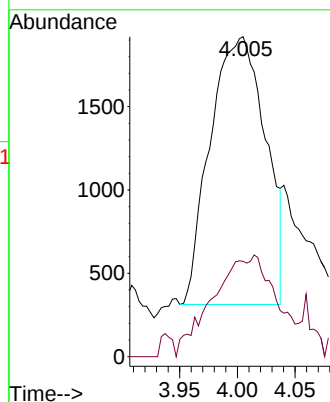
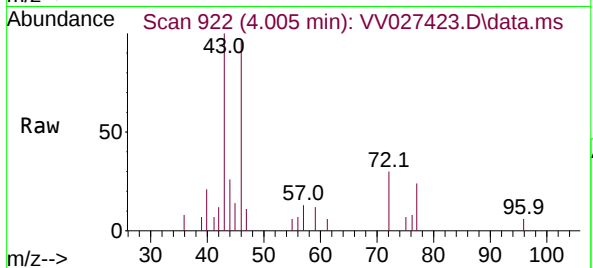
ClientSampleId :

Tgt Ion: 43 Resp: 5337

Ion Ratio Lower Upper

43 100

72 12.3 11.9 35.7



#23

Bromochloromethane

Concen: 1.232 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.010 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Tgt Ion: 128 Resp: 1578

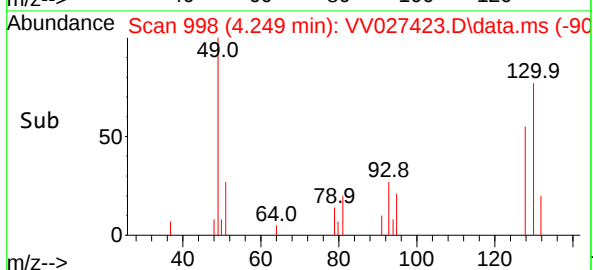
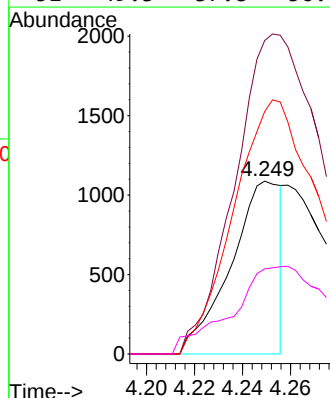
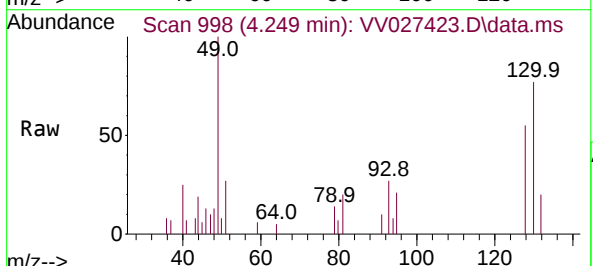
Ion Ratio Lower Upper

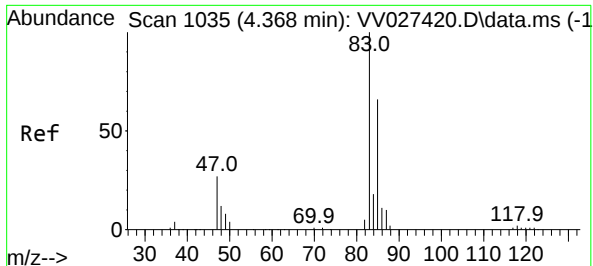
128 100

49 181.3 98.7 183.3

130 140.3 89.5 166.1

51 49.3 37.8 56.8

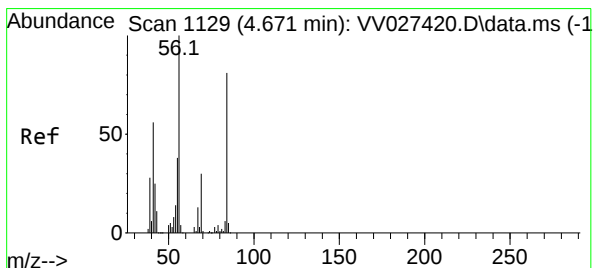
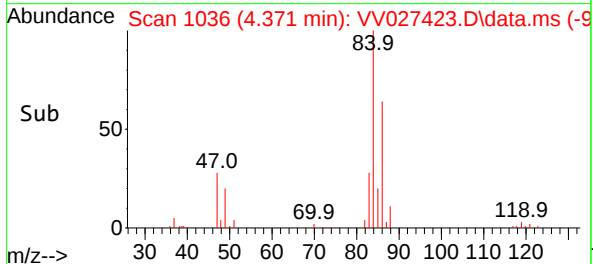
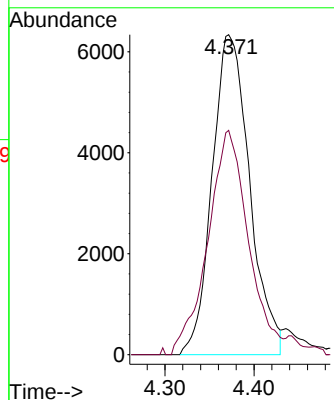
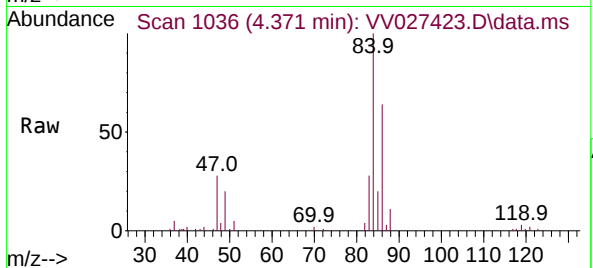




#25
Chloroform
Concen: 4.139 ug/L
RT: 4.371 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

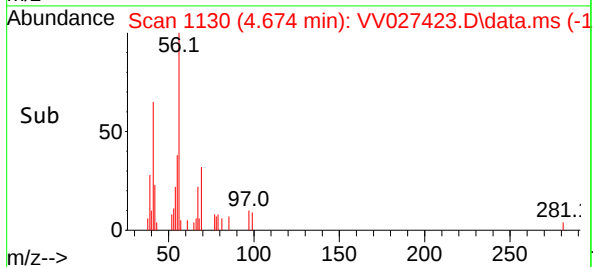
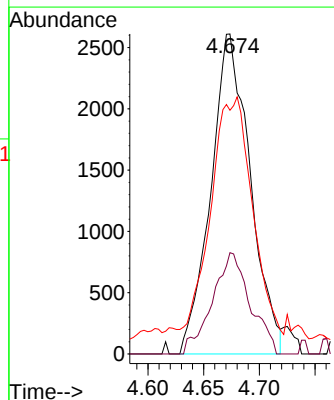
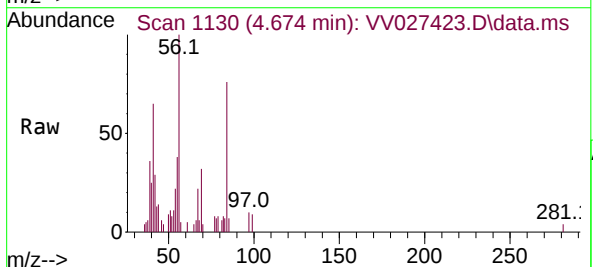
Instrument :
MSVOA_V
ClientSampleId :

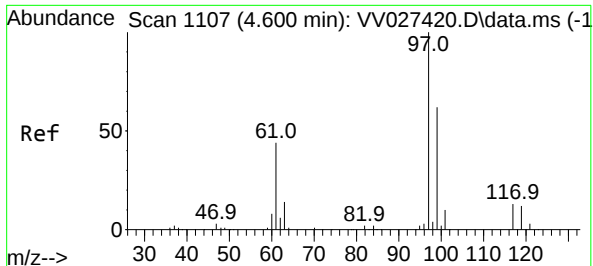
Tgt Ion: 83 Resp: 18548
Ion Ratio Lower Upper
83 100
85 70.1 45.4 84.4



#29
Cyclohexane
Concen: 1.920 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

Tgt Ion: 56 Resp: 6428
Ion Ratio Lower Upper
56 100
69 29.2 25.9 38.9
84 36.0 75.3 112.9#





#30

1,1,1-Trichloroethane

Concen: 2.469 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

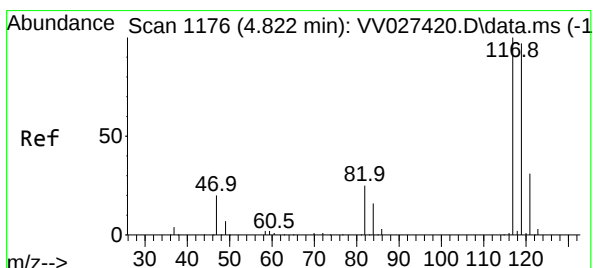
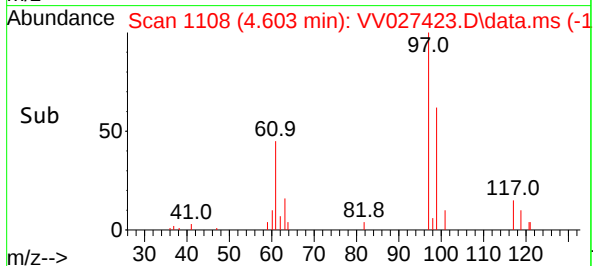
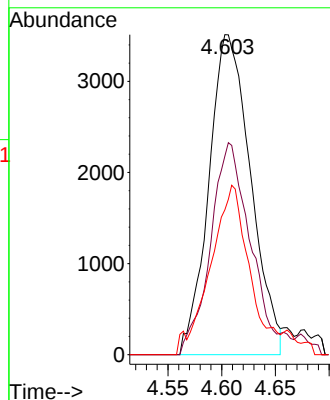
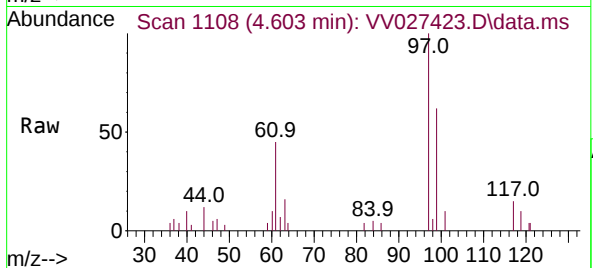
Tgt Ion: 97 Resp: 9514

Ion Ratio Lower Upper

97 100

99 62.1 51.4 77.2

61 43.4 32.1 48.1



#31

Carbon tetrachloride

Concen: 2.468 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VV027423.D

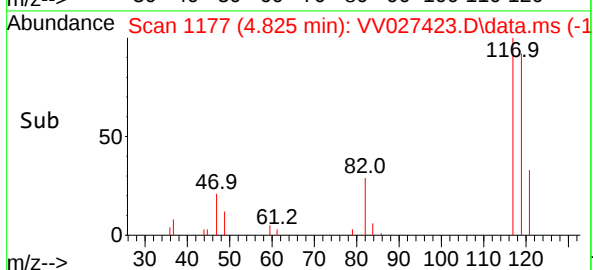
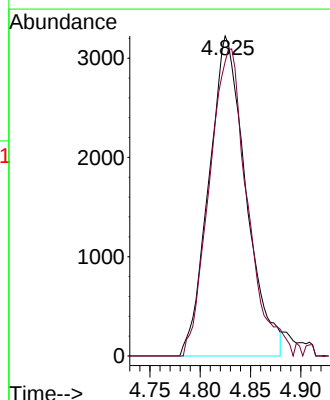
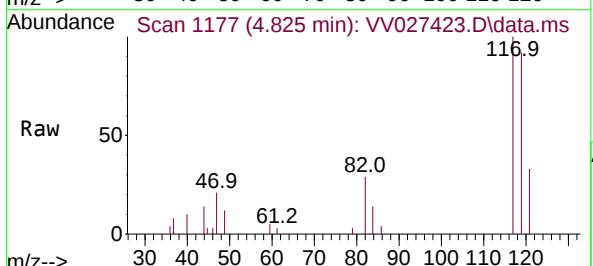
Acq: 17 Aug 2022 17:23

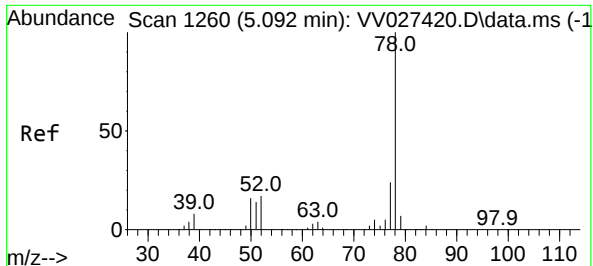
Tgt Ion: 117 Resp: 8256

Ion Ratio Lower Upper

117 100

119 98.2 77.0 115.6

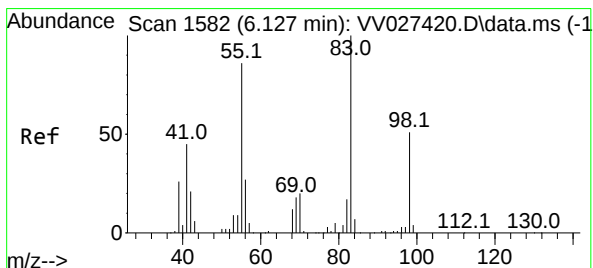
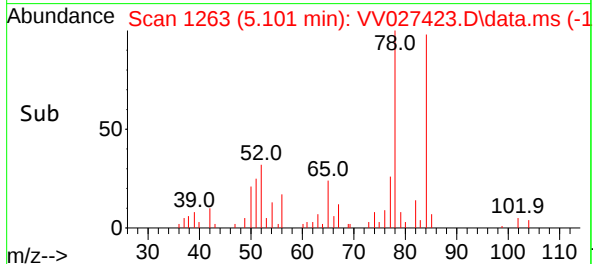
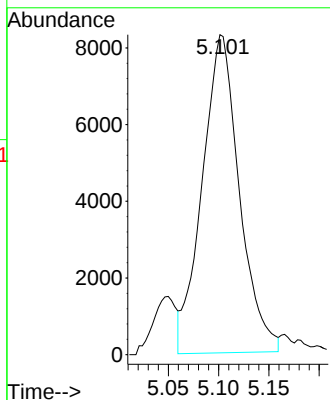
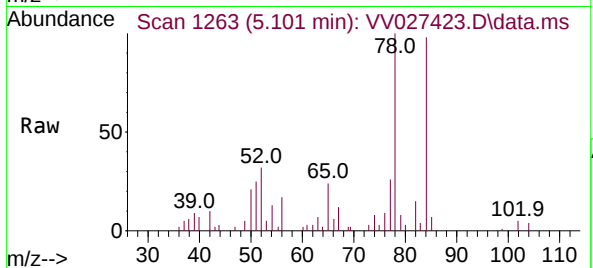




#33
Benzene
Concen: 2.280 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

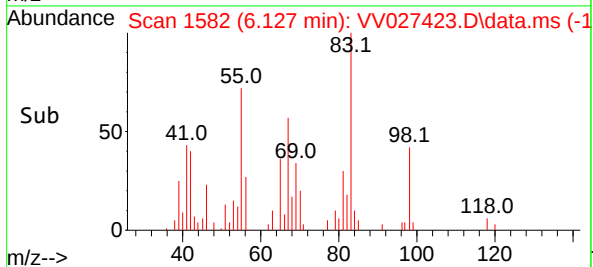
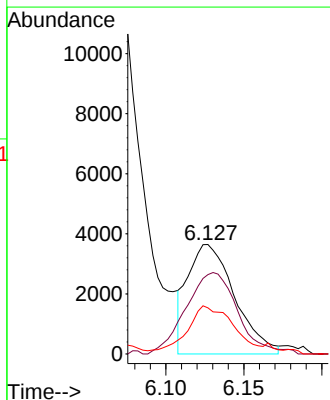
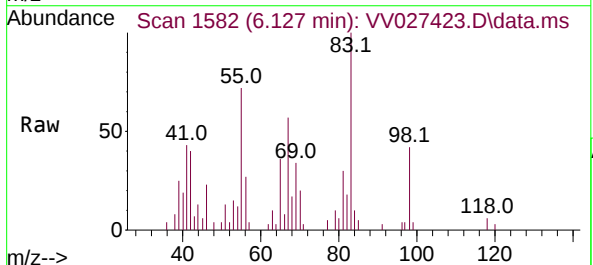
Instrument :
MSVOA_V
ClientSampleId :

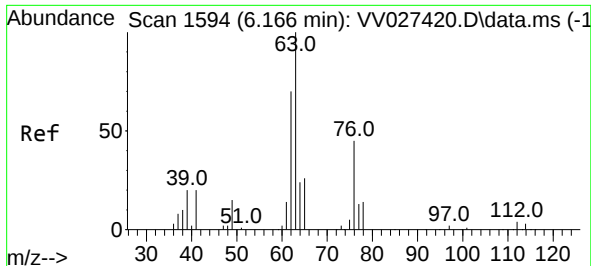
Tgt Ion: 78 Resp: 21300



#35
Methylcyclohexane
Concen: 2.169 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

Tgt Ion: 83 Resp: 7628
Ion Ratio Lower Upper
83 100
55 81.3 55.5 83.3
98 25.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 1.899 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

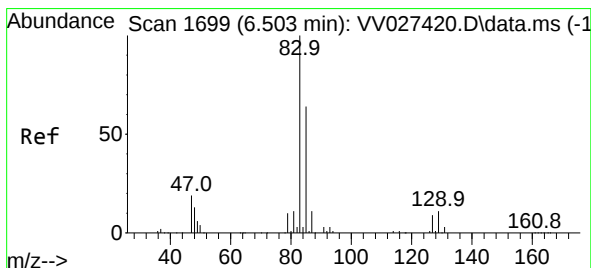
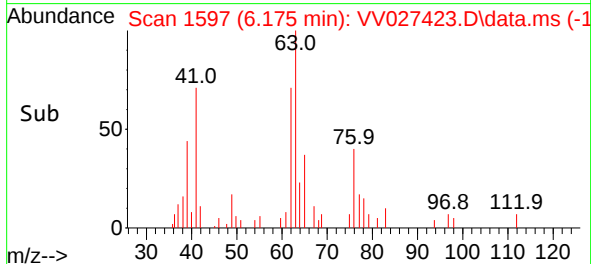
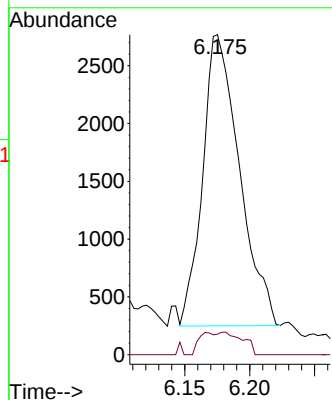
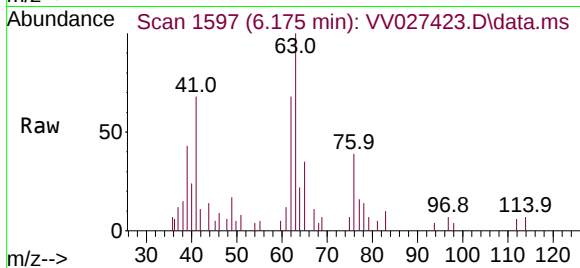
ClientSampleId :

Tgt Ion: 63 Resp: 4969

Ion Ratio Lower Upper

63 100

112 3.2 3.7 5.5#



#38

Bromodichloromethane

Concen: 2.488 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.013 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

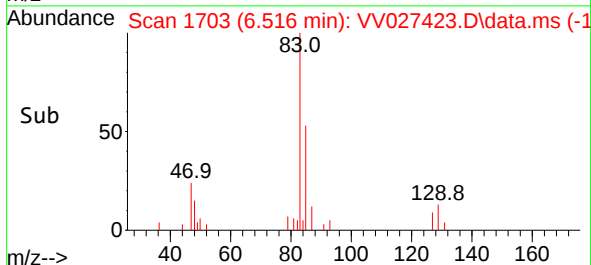
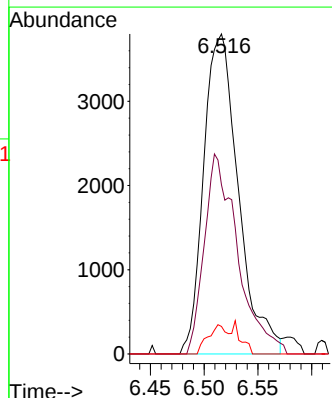
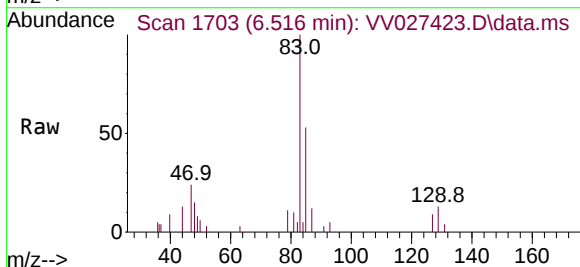
Tgt Ion: 83 Resp: 8533

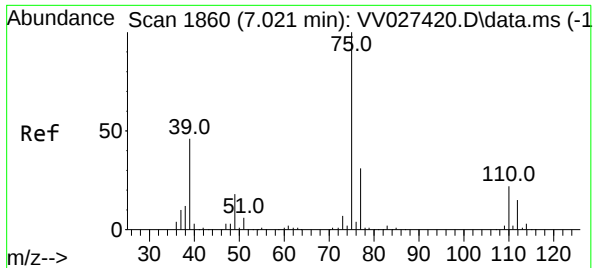
Ion Ratio Lower Upper

83 100

85 52.9 45.5 84.5

127 8.6 7.0 10.6

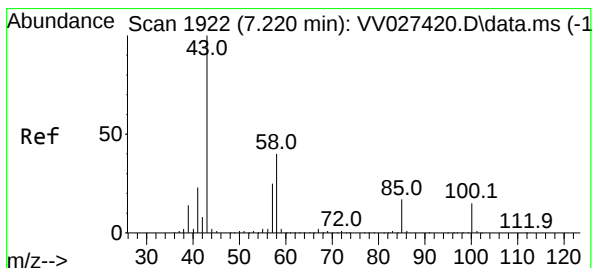
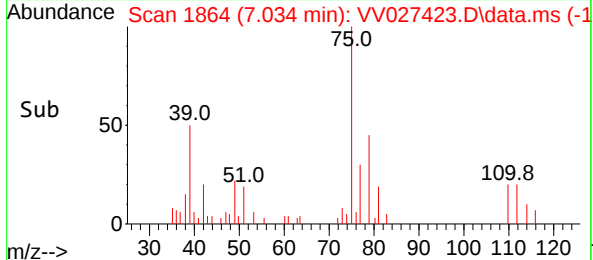
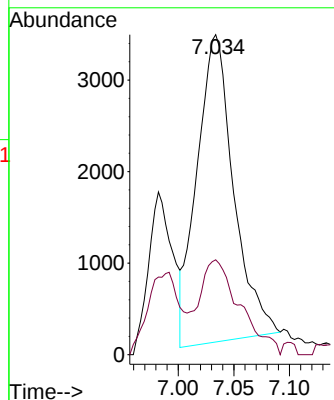
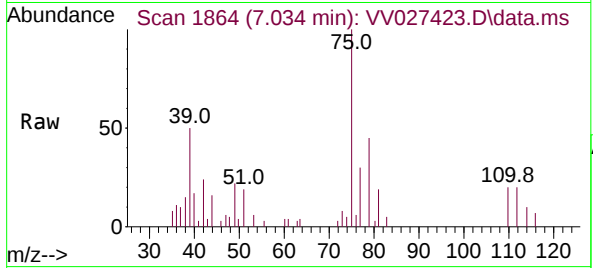




#39
 cis-1,3-Dichloropropene
 Concen: 2.221 ug/L
 RT: 7.034 min Scan# 1864
 Delta R.T. 0.013 min
 Lab File: VV027423.D
 Acq: 17 Aug 2022 17:23

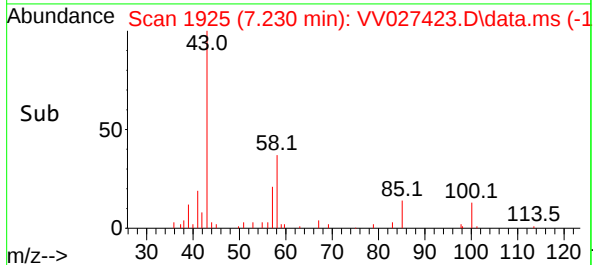
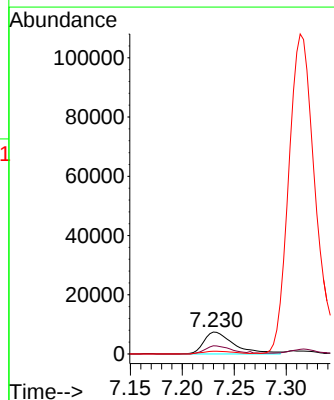
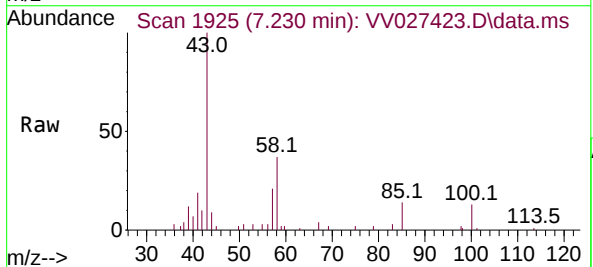
Instrument :
 MSVOA_V
 ClientSampleId :

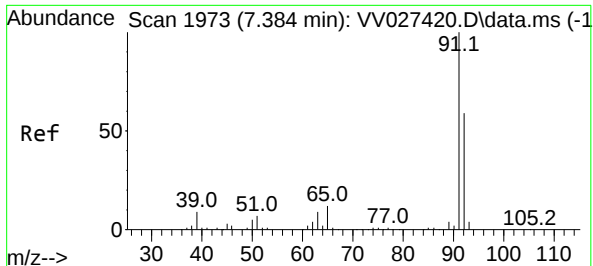
Tgt Ion: 75 Resp: 7700
 Ion Ratio Lower Upper
 75 100
 77 29.7 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 4.050 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.010 min
 Lab File: VV027423.D
 Acq: 17 Aug 2022 17:23

Tgt Ion: 43 Resp: 15123
 Ion Ratio Lower Upper
 43 100
 58 31.4 35.3 52.9#
 100 12.9 15.7 23.5#





#42

Toluene

Concen: 2.274 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

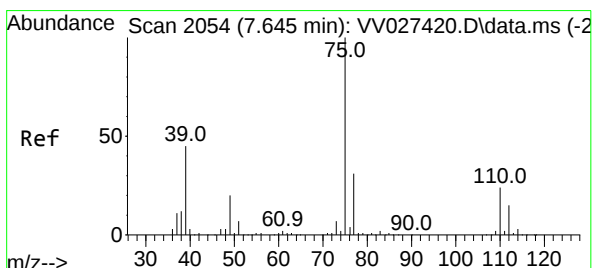
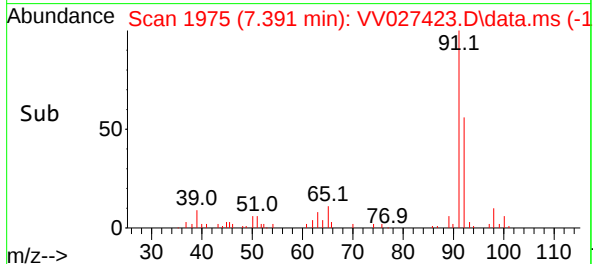
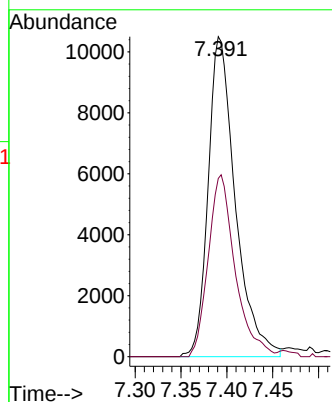
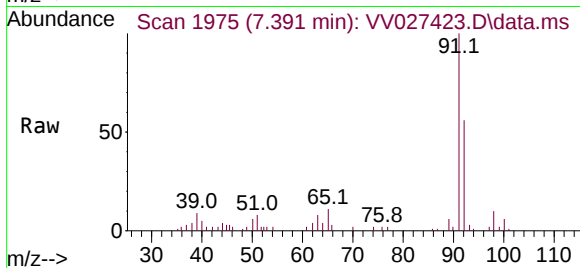
ClientSampleId :

Tgt Ion: 91 Resp: 21604

Ion Ratio Lower Upper

91 100

92 55.7 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 2.948 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.013 min

Lab File: VV027423.D

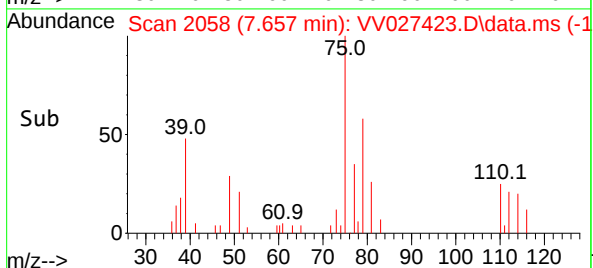
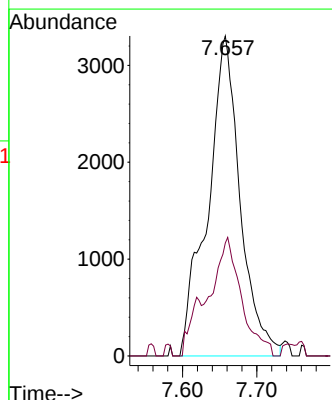
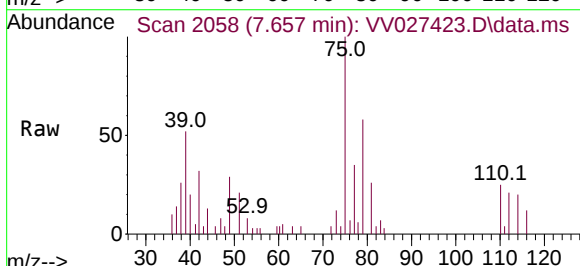
Acq: 17 Aug 2022 17:23

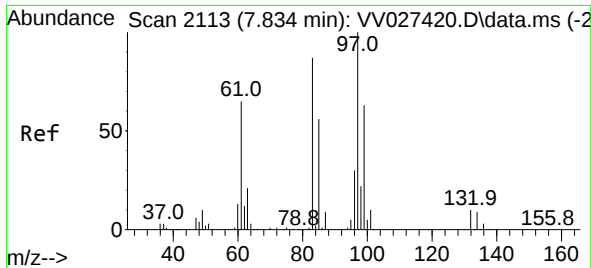
Tgt Ion: 75 Resp: 10044

Ion Ratio Lower Upper

75 100

77 35.3 22.0 41.0

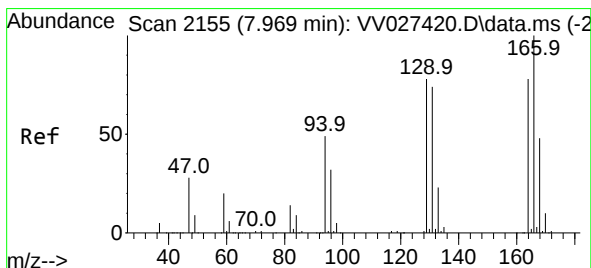
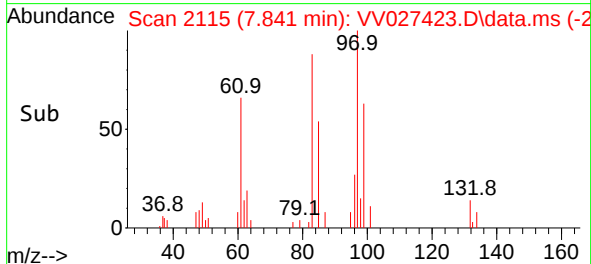
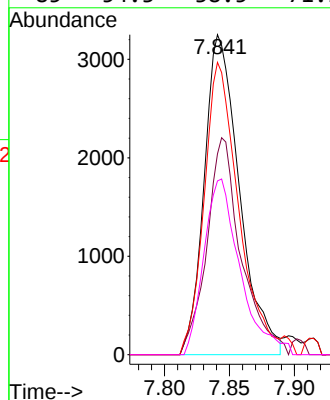
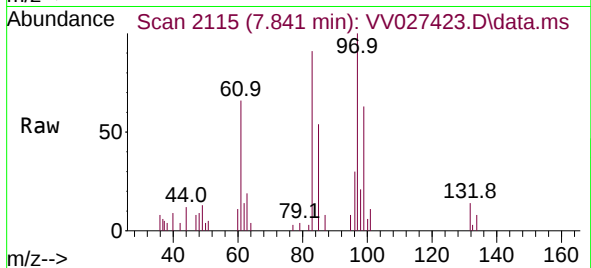




#45
1,1,2-Trichloroethane
Concen: 2.427 ug/L
RT: 7.841 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

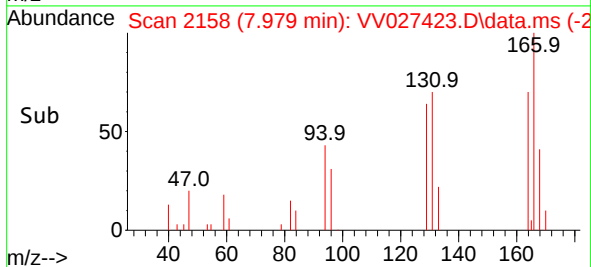
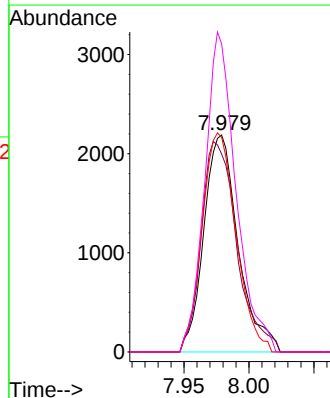
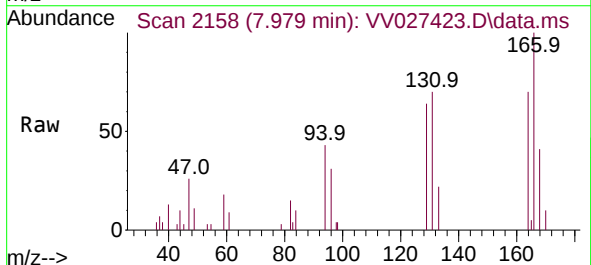
Instrument :
MSVOA_V
ClientSampleId :

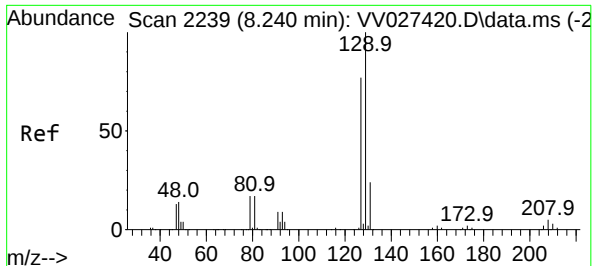
Tgt Ion: 97	Resp: 6123
Ion Ratio	Lower Upper
97 100	
99 62.7	43.2 80.2
83 91.3	58.0 107.6
85 54.3	38.5 71.5



#46
Tetrachloroethene
Concen: 2.303 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.010 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

Tgt	Ion:164	Resp:	4032
Ion	Ratio	Lower	Upper
164	100		
129	91.2	67.5	125.4
131	98.9	64.3	119.3
166	142.0	88.9	165.1





#49

Dibromochloromethane

Concen: 2.441 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

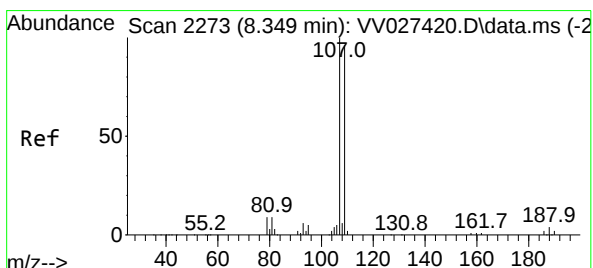
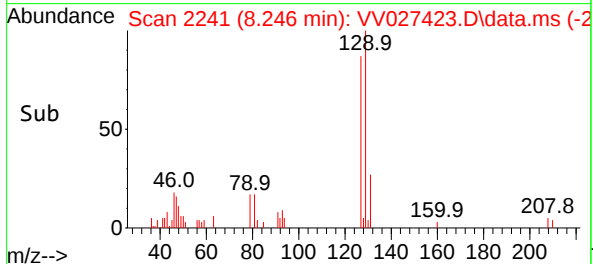
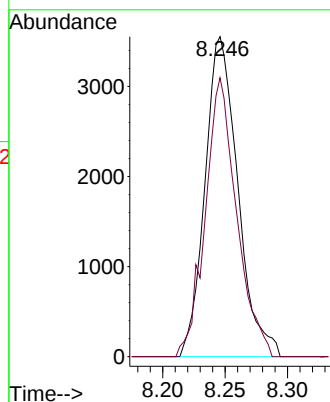
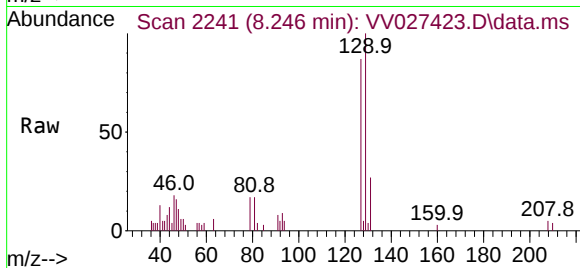
ClientSampleId :

Tgt Ion:129 Resp: 6510

Ion Ratio Lower Upper

129 100

127 87.2 53.3 98.9



#50

1,2-Dibromoethane

Concen: 2.358 ug/L

RT: 8.358 min Scan# 2276

Delta R.T. 0.010 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

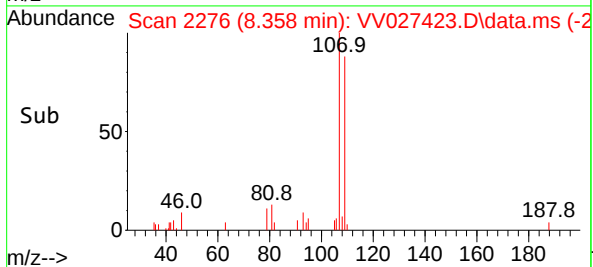
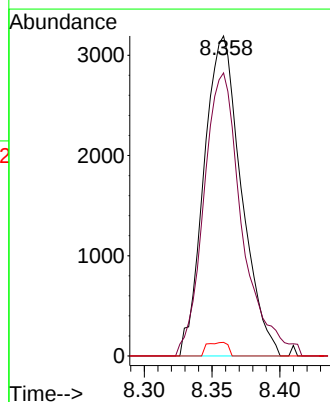
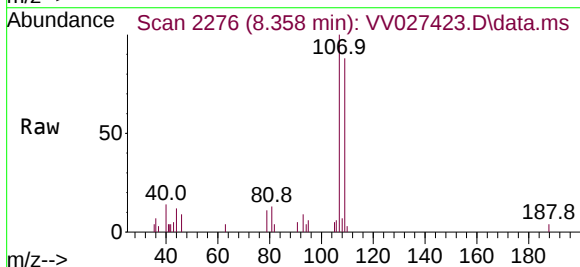
Tgt Ion:107 Resp: 6121

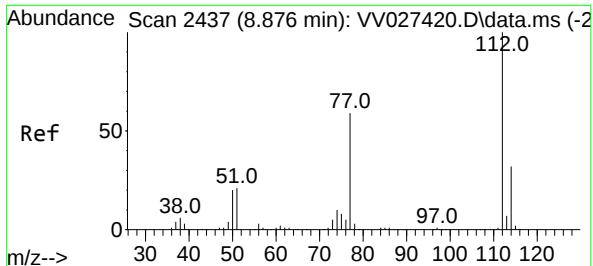
Ion Ratio Lower Upper

107 100

109 88.4 65.7 121.9

188 4.2 2.7 4.1#

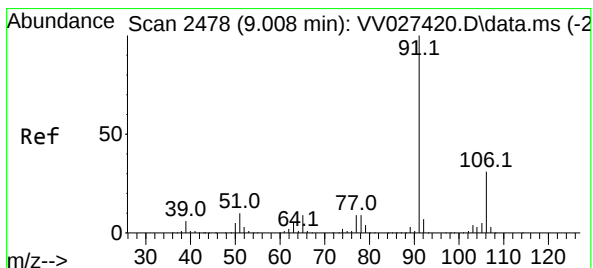
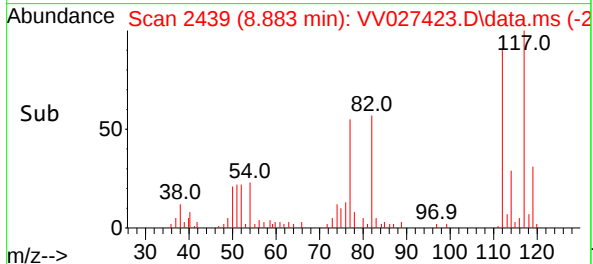
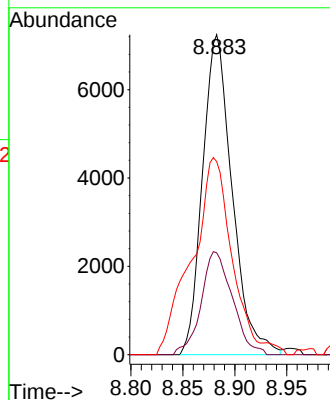
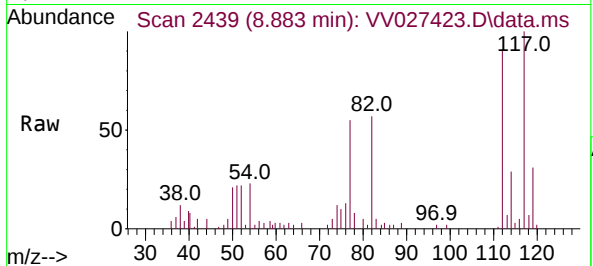




#51
Chlorobenzene
Concen: 2.256 ug/L
RT: 8.883 min Scan# 2437
Delta R.T. 0.006 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

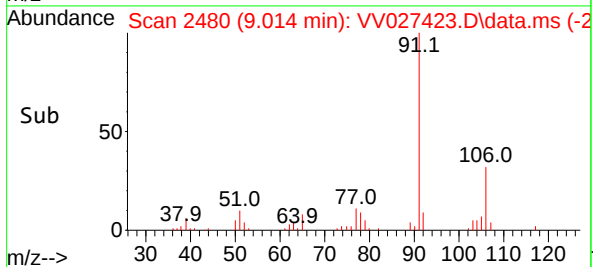
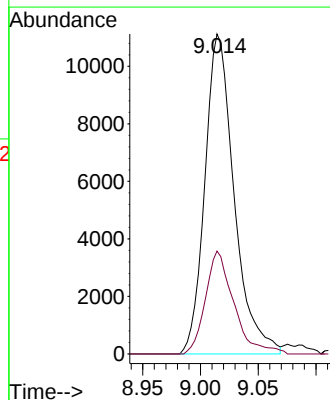
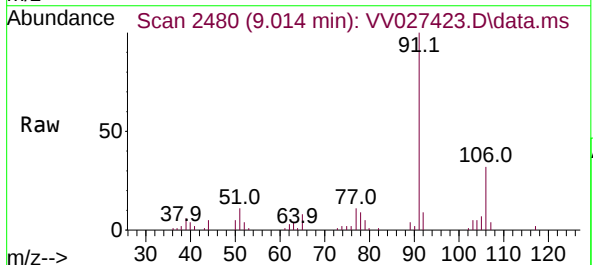
Instrument :
MSVOA_V
ClientSampleId :

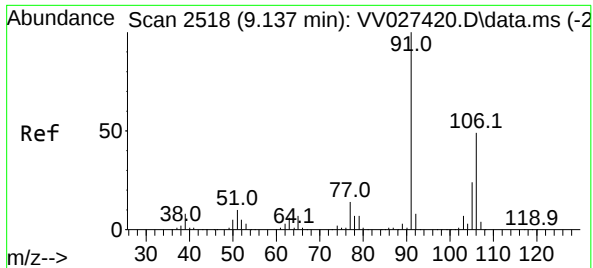
Tgt Ion:112 Resp: 14371
Ion Ratio Lower Upper
112 100
114 31.8 22.8 42.4
77 60.4 44.2 66.2



#52
Ethylbenzene
Concen: 2.001 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

Tgt Ion: 91 Resp: 19617
Ion Ratio Lower Upper
91 100
106 32.1 21.8 40.6

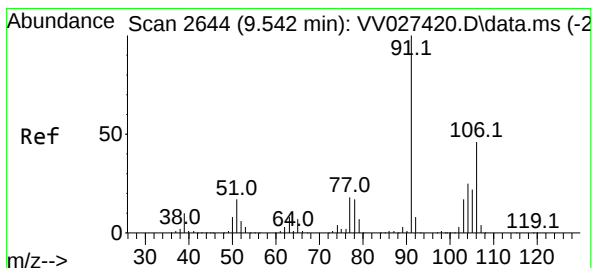
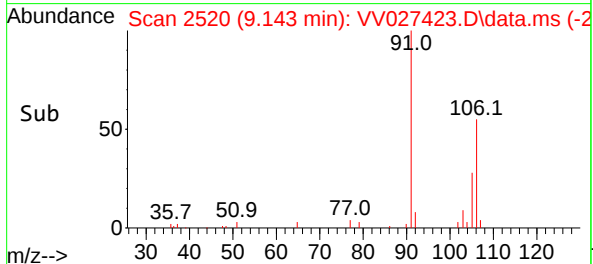
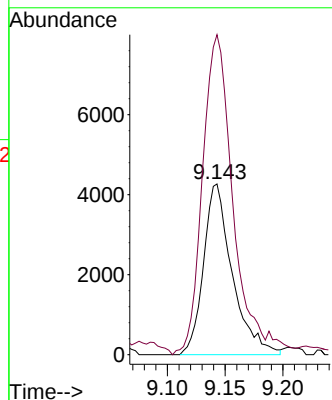
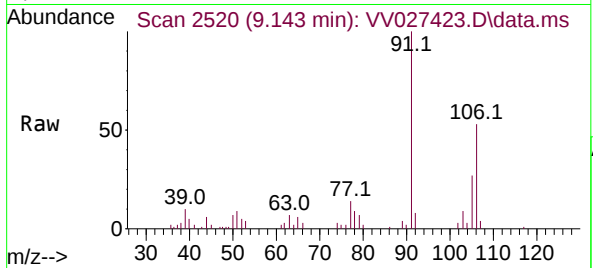




#53
m,p-Xylene
Concen: 1.997 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

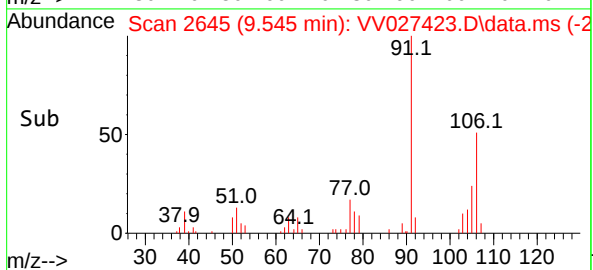
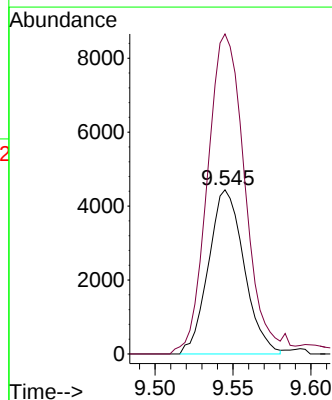
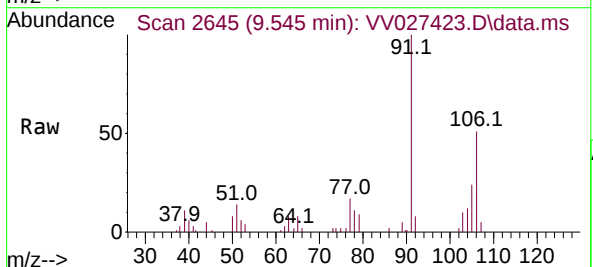
Instrument :
MSVOA_V
ClientSampleId :

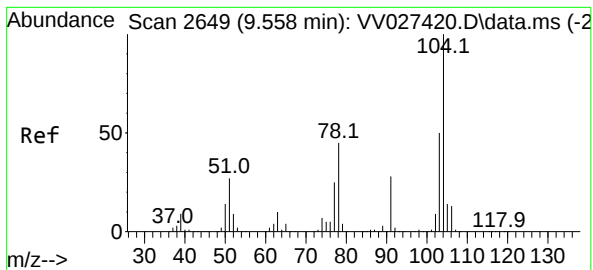
Tgt Ion:106 Resp: 7396
Ion Ratio Lower Upper
106 100
91 187.4 137.5 255.3



#54
o-Xylene
Concen: 1.953 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

Tgt Ion:106 Resp: 7048
Ion Ratio Lower Upper
106 100
91 194.9 146.6 272.2





#55

Styrene

Concen: 1.677 ug/L

RT: 9.567 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

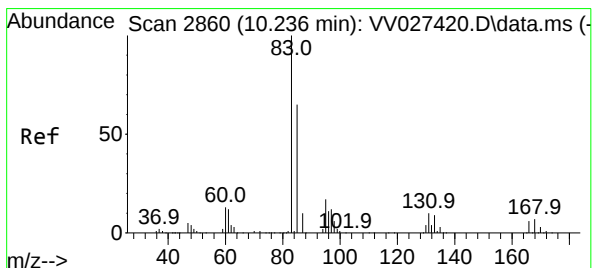
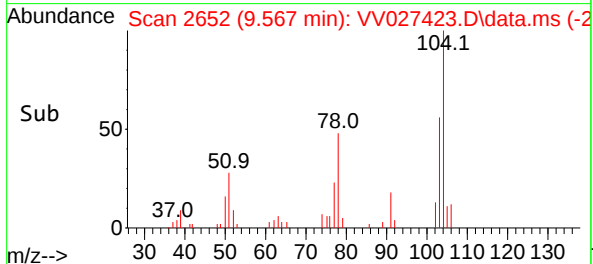
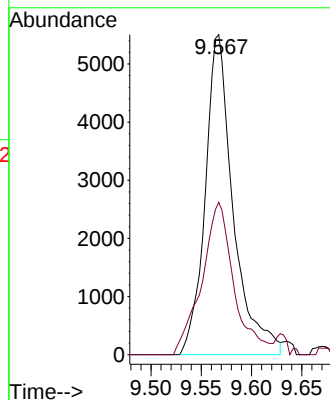
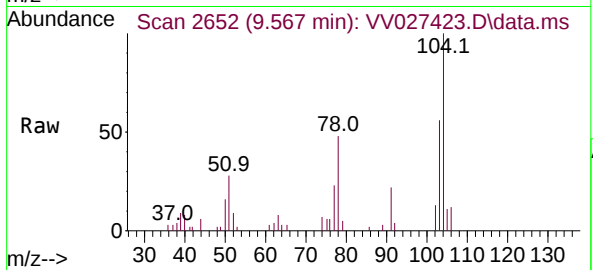
ClientSampleId :

Tgt Ion:104 Resp: 10662

Ion Ratio Lower Upper

104 100

78 47.6 29.6 55.0



#57

1,1,2,2-Tetrachloroethane

Concen: 2.639 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

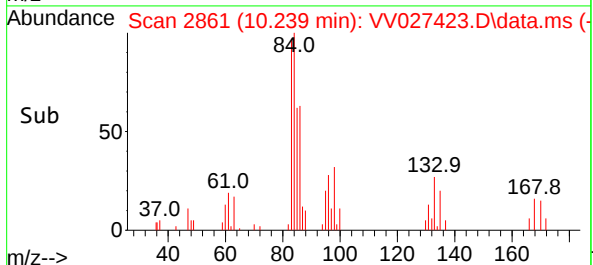
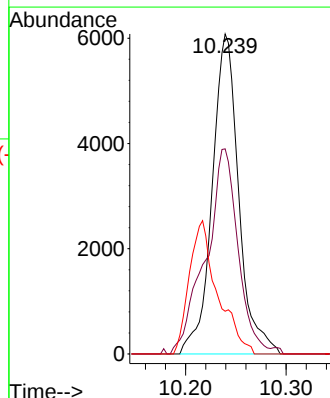
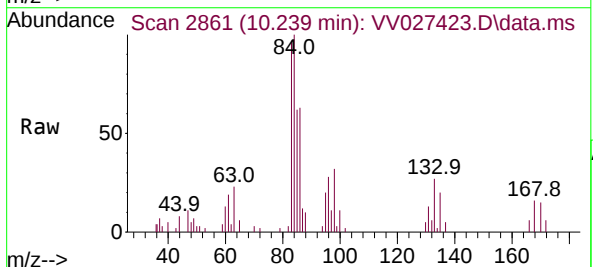
Tgt Ion: 83 Resp: 11152

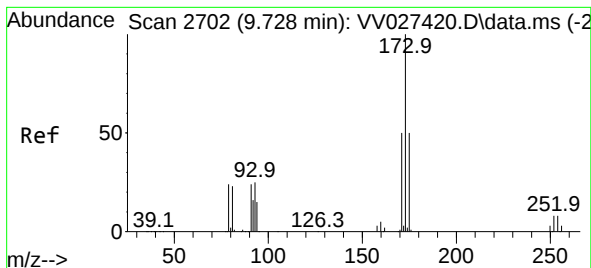
Ion Ratio Lower Upper

83 100

85 64.1 45.2 84.0

131 13.4 8.1 12.1#





#59

Bromoform

Concen: 2.699 ug/L

RT: 9.731 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027423.D

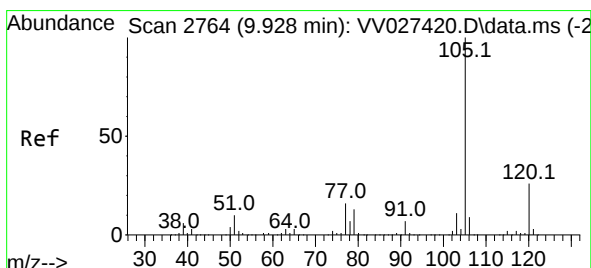
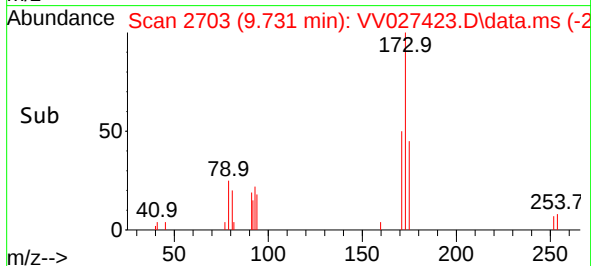
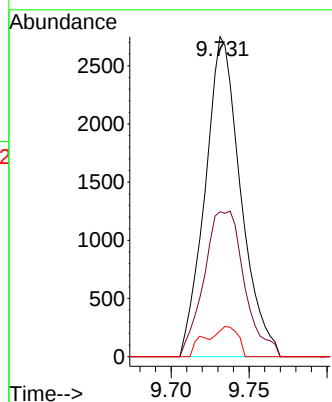
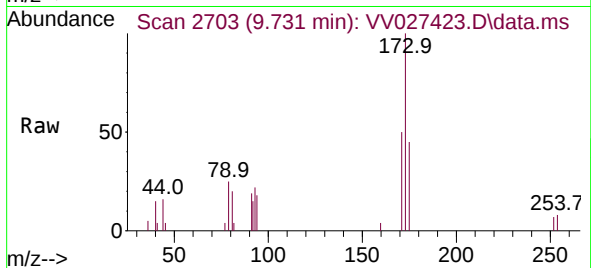
Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173	Resp:	4348
Ion Ratio	Lower	Upper
173	100	
175	29.2	39.0 58.4#
254	5.7	6.9 10.3#



#60

Isopropylbenzene

Concen: 1.994 ug/L

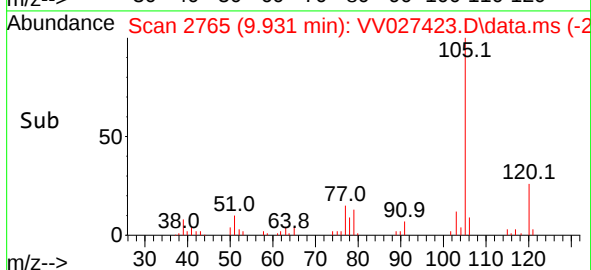
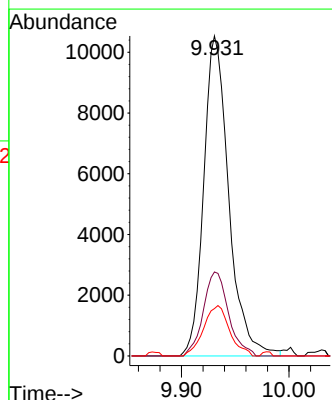
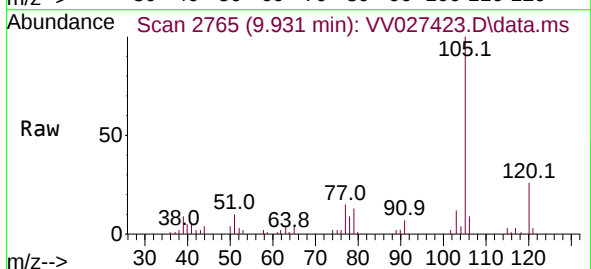
RT: 9.931 min Scan# 2765

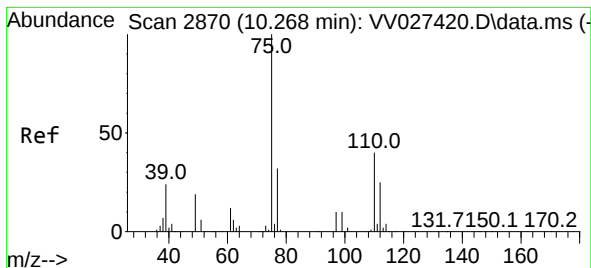
Delta R.T. 0.003 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Tgt Ion:105	Resp:	17040
Ion Ratio	Lower	Upper
105	100	
120	26.4	21.4 32.0
77	16.3	11.8 17.6





#61

1,2,3-Trichloropropane

Concen: 2.515 ug/L

RT: 10.272 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

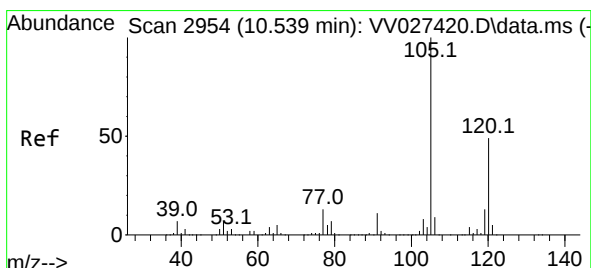
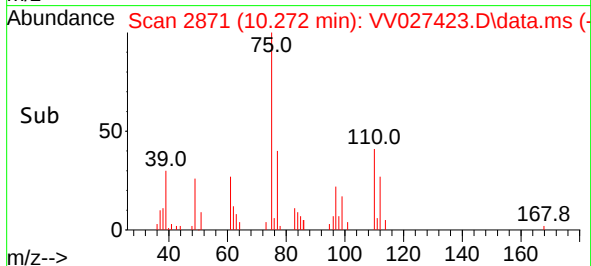
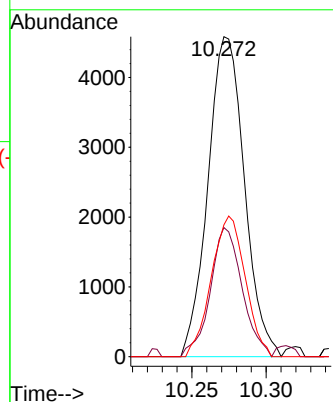
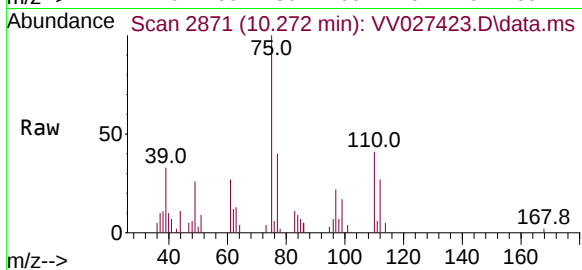
Tgt Ion: 75 Resp: 7829

Ion Ratio Lower Upper

75 100

77 35.2 25.8 38.8

110 40.8 32.7 49.1



#62

1,3,5-Trimethylbenzene

Concen: 1.866 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027423.D

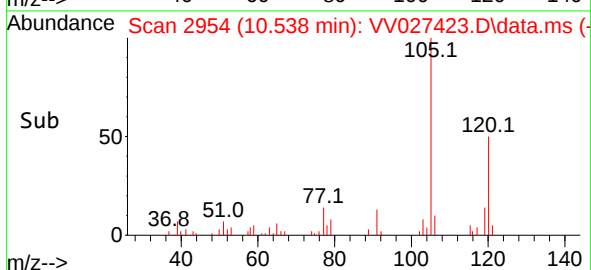
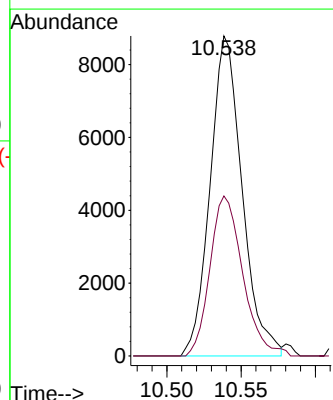
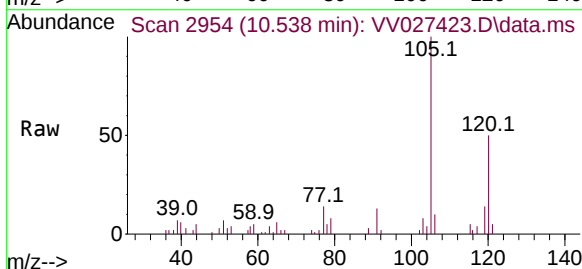
Acq: 17 Aug 2022 17:23

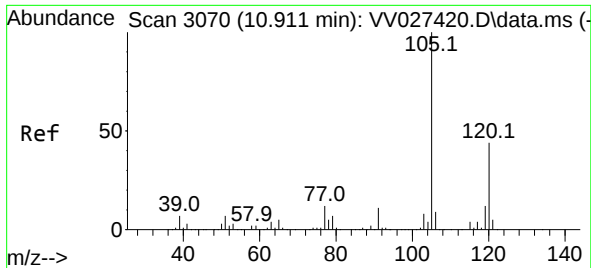
Tgt Ion: 105 Resp: 13166

Ion Ratio Lower Upper

105 100

120 50.7 39.3 58.9

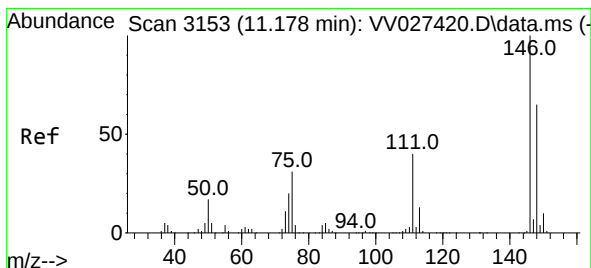
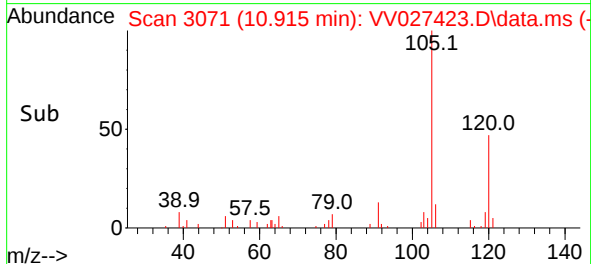
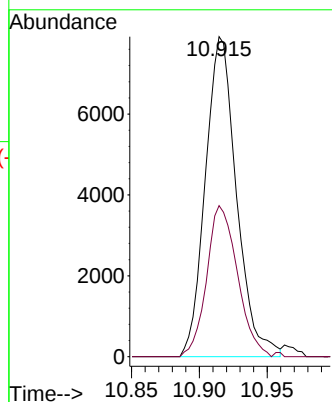
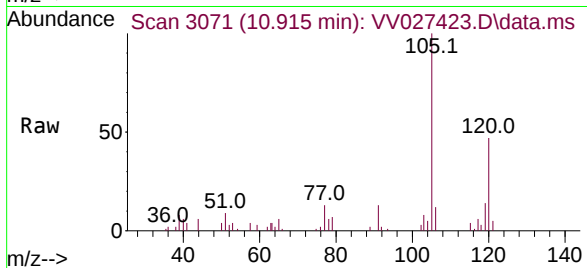




#63
1,2,4-Trimethylbenzene
Concen: 1.829 ug/L
RT: 10.915 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

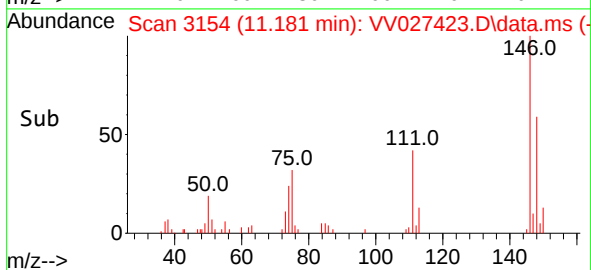
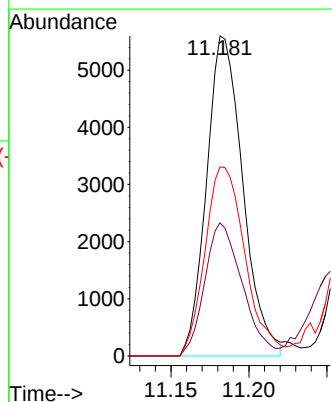
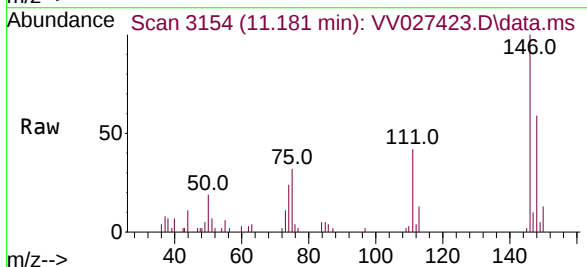
Instrument :
MSVOA_V
ClientSampleId :

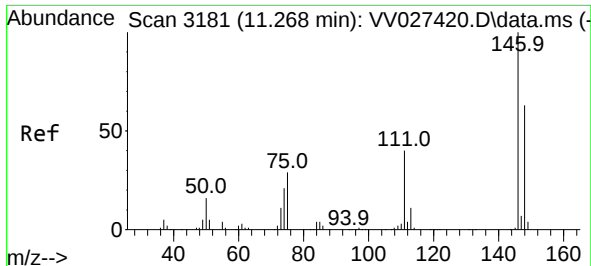
Tgt Ion:105 Resp: 12645
Ion Ratio Lower Upper
105 100
120 46.6 37.0 55.6



#64
1,3-Dichlorobenzene
Concen: 2.191 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

Tgt Ion:146 Resp: 9072
Ion Ratio Lower Upper
146 100
111 41.6 28.4 52.8
148 59.1 44.7 82.9





#65

1,4-Dichlorobenzene

Concen: 2.379 ug/L

RT: 11.271 min Scan# 3181

Delta R.T. 0.003 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

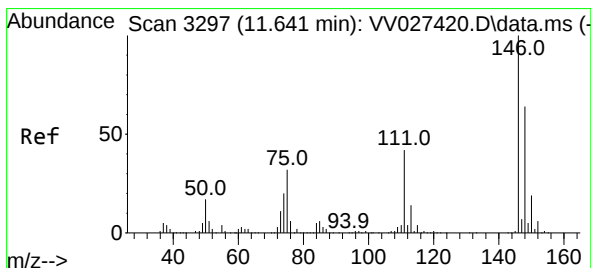
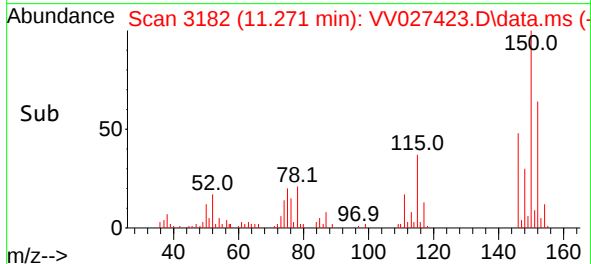
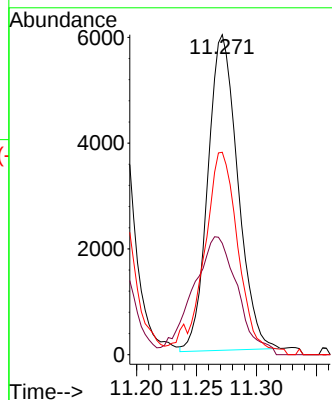
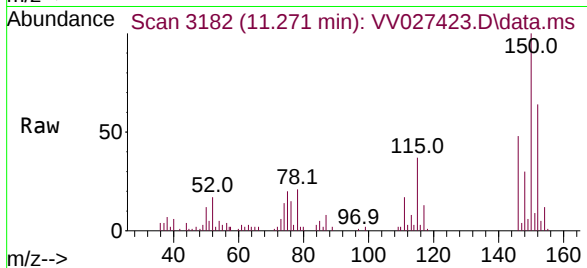
Tgt Ion:146 Resp: 10368

Ion Ratio Lower Upper

146 100

111 34.8 27.4 51.0

148 63.2 44.6 82.8



#67

1,2-Dichlorobenzene

Concen: 2.694 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

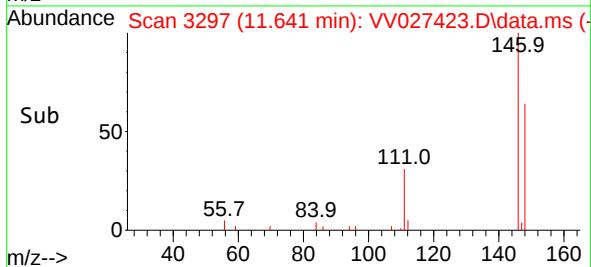
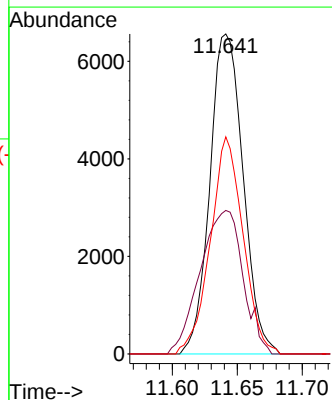
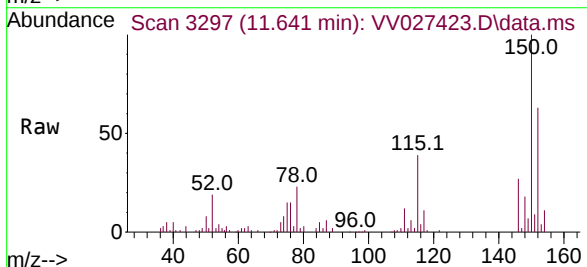
Tgt Ion:146 Resp: 11688

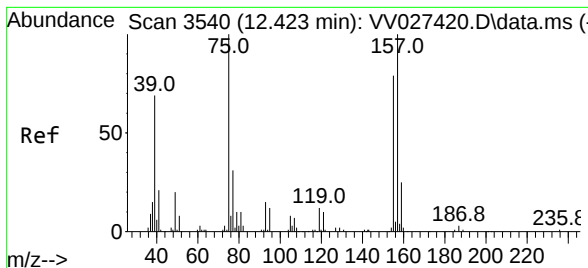
Ion Ratio Lower Upper

146 100

111 44.9 34.0 51.0

148 67.9 50.5 75.7

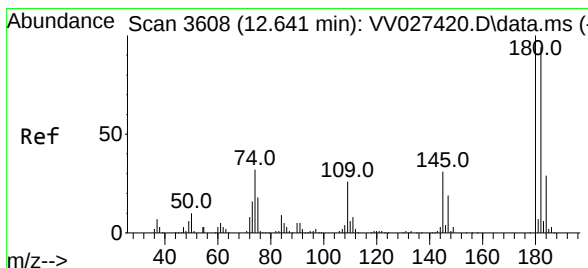
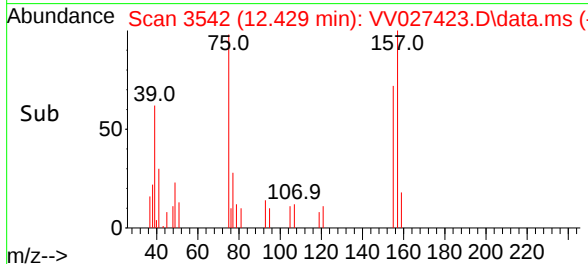
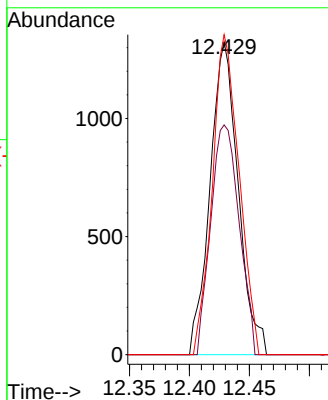
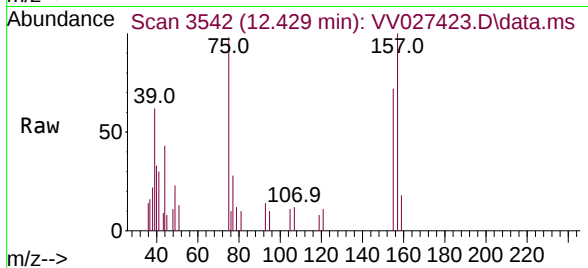




#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.469 ug/L
 RT: 12.429 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV027423.D
 Acq: 17 Aug 2022 17:23

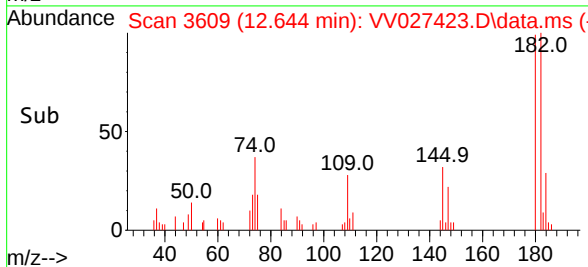
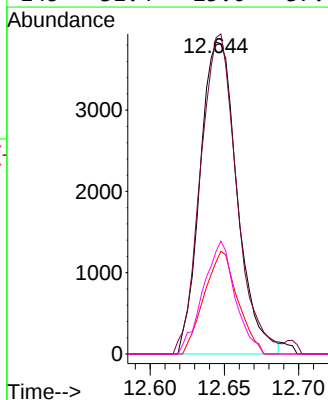
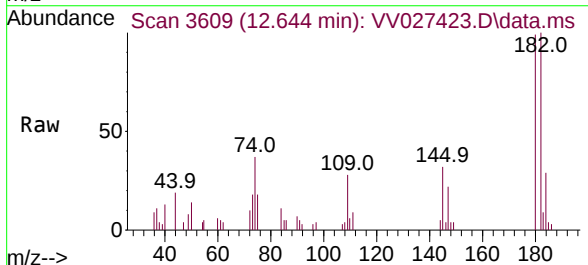
Instrument :
 MSVOA_V
 ClientSampleId :

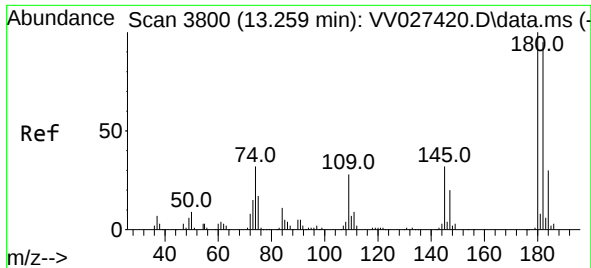
Tgt Ion: 75 Resp: 2156
 Ion Ratio Lower Upper
 75 100
 155 73.5 69.1 103.7
 157 102.3 87.8 131.8



#69
 1,3,5-Trichlorobenzene
 Concen: 2.389 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV027423.D
 Acq: 17 Aug 2022 17:23

Tgt Ion: 180 Resp: 6644
 Ion Ratio Lower Upper
 180 100
 182 100.3 76.2 114.4
 184 29.6 24.8 37.2
 145 31.4 25.0 37.6

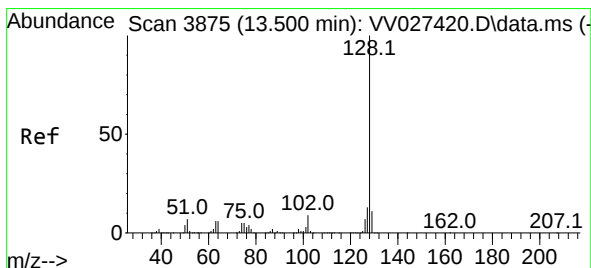
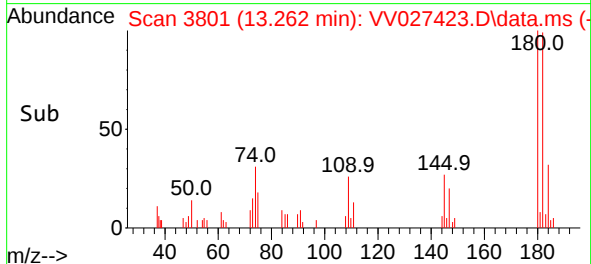
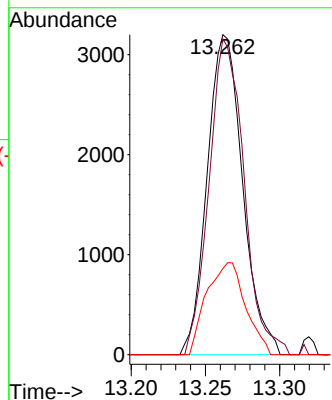
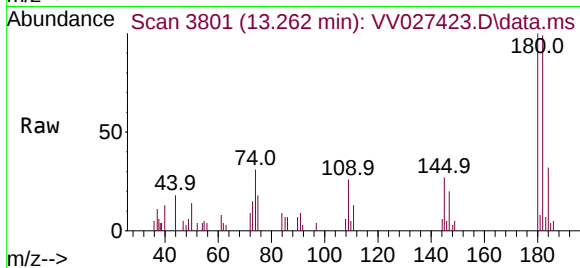




#70
1,2,4-trichlorobenzene
Concen: 2.303 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

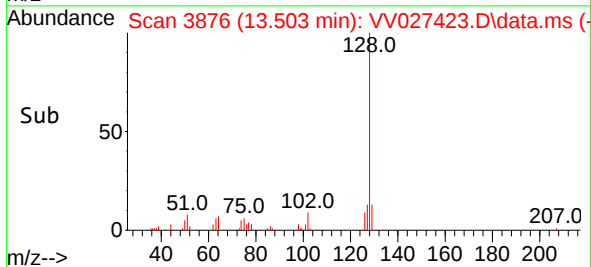
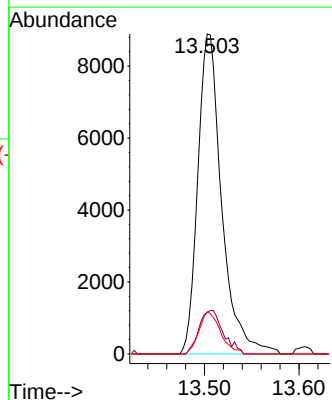
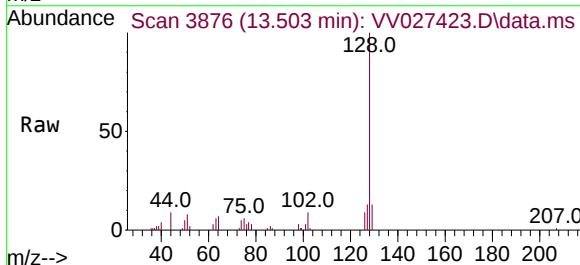
Instrument :
MSVOA_V
ClientSampleId :

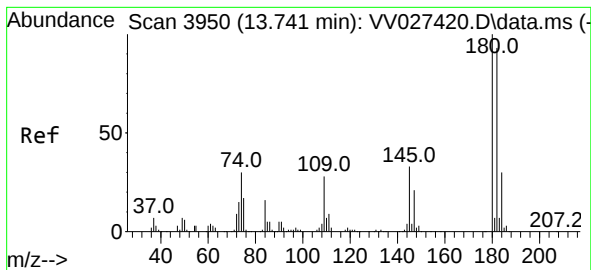
Tgt Ion:180 Resp: 5321
Ion Ratio Lower Upper
180 100
182 97.2 75.9 113.9
145 31.5 24.7 37.1



#71
Naphthalene
Concen: 1.972 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV027423.D
Acq: 17 Aug 2022 17:23

Tgt Ion:128 Resp: 15597
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.9 8.6 13.0





#72

1,2,3-Trichlorobenzene

Concen: 2.283 ug/L

RT: 13.744 min Scan# 3950

Delta R.T. 0.003 min

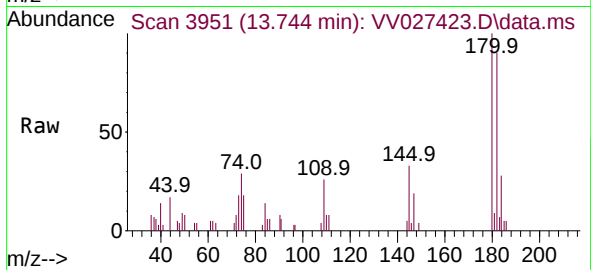
Lab File: VV027423.D

Acq: 17 Aug 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5847

Ion Ratio Lower Upper

180 100

182 86.2 76.3 114.5

145 30.3 27.4 41.0

