

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036626.D
 Acq On : 24 Jul 2023 12:56
 Operator : JC/MD
 Sample : 03686-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230721

Quant Time: Jul 25 06:35:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	171495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	305957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116629	45.962	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.920%
35) Dibromofluoromethane	5.385	113	96972	46.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.220%
50) Toluene-d8	8.647	98	367904	49.333	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.079	95	140621	49.978	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.960%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.319	85	20	0.009	ug/l #	41
6) Chloroethane	1.697	64	73	0.072	ug/l #	73
8) Diethyl Ether	2.191	74	41	0.033	ug/l	89
10) Methyl Iodide	2.453	142	120	0.059	ug/l #	34
12) 1,1-Dichloroethene	2.325	96	51	0.027	ug/l #	28
14) Allyl chloride	2.636	41	29	0.008	ug/l #	34
15) Acrylonitrile	3.075	53	29	0.024	ug/l #	1
18) Methyl Acetate	2.697	43	136	0.031	ug/l #	53
21) trans-1,2-Dichloroethene	3.099	96	109	0.051	ug/l #	47
22) Diisopropyl ether	3.666	45	22	0.003	ug/l #	21
23) Vinyl Acetate	3.733	43	257	0.047	ug/l #	73
25) 2-Butanone	4.556	43	99	0.058	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	60	0.016	ug/l #	54
27) cis-1,2-Dichloroethene	4.501	96	71	0.028	ug/l #	1
30) Chloroform	5.093	83	75	0.018	ug/l #	19
31) Cyclohexane	5.471	56	249	0.071	ug/l #	18
32) 1,1,1-Trichloroethane	5.501	97	19	0.005	ug/l #	23
37) Ethyl Acetate	4.709	43	49	0.014	ug/l #	1
39) Methylcyclohexane	7.373	83	44	0.011	ug/l #	23
41) Methacrylonitrile	4.959	41	222	0.117	ug/l #	32
42) 1,2-Dichloroethane	6.080	62	72	0.022	ug/l #	77
43) Isopropyl Acetate	6.355	43	32	0.005	ug/l #	62
44) Trichloroethene	7.135	130	20	0.008	ug/l	16
47) Bromodichloromethane	7.897	83	20	0.006	ug/l #	26
48) Methyl methacrylate	7.696	41	52	0.018	ug/l #	26
51) 4-Methyl-2-Pentanone	8.580	43	161	0.048	ug/l #	37
52) Toluene	8.653	92	31	0.005	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	93	0.024	ug/l #	43
54) cis-1,3-Dichloropropene	8.379	75	46	0.011	ug/l #	7
56) Ethyl methacrylate	9.129	69	62	0.016	ug/l #	1
59) 2-Hexanone	9.439	43	91	0.036	ug/l #	26
65) Chlorobenzene	10.080	112	174	0.028	ug/l #	43
67) Ethyl Benzene	10.195	91	319	0.028	ug/l #	44
68) m/p-Xylenes	10.299	106	179	0.042	ug/l #	45
70) Styrene	10.665	104	127	0.018	ug/l #	84
73) Isopropylbenzene	10.964	105	166	0.016	ug/l #	49

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

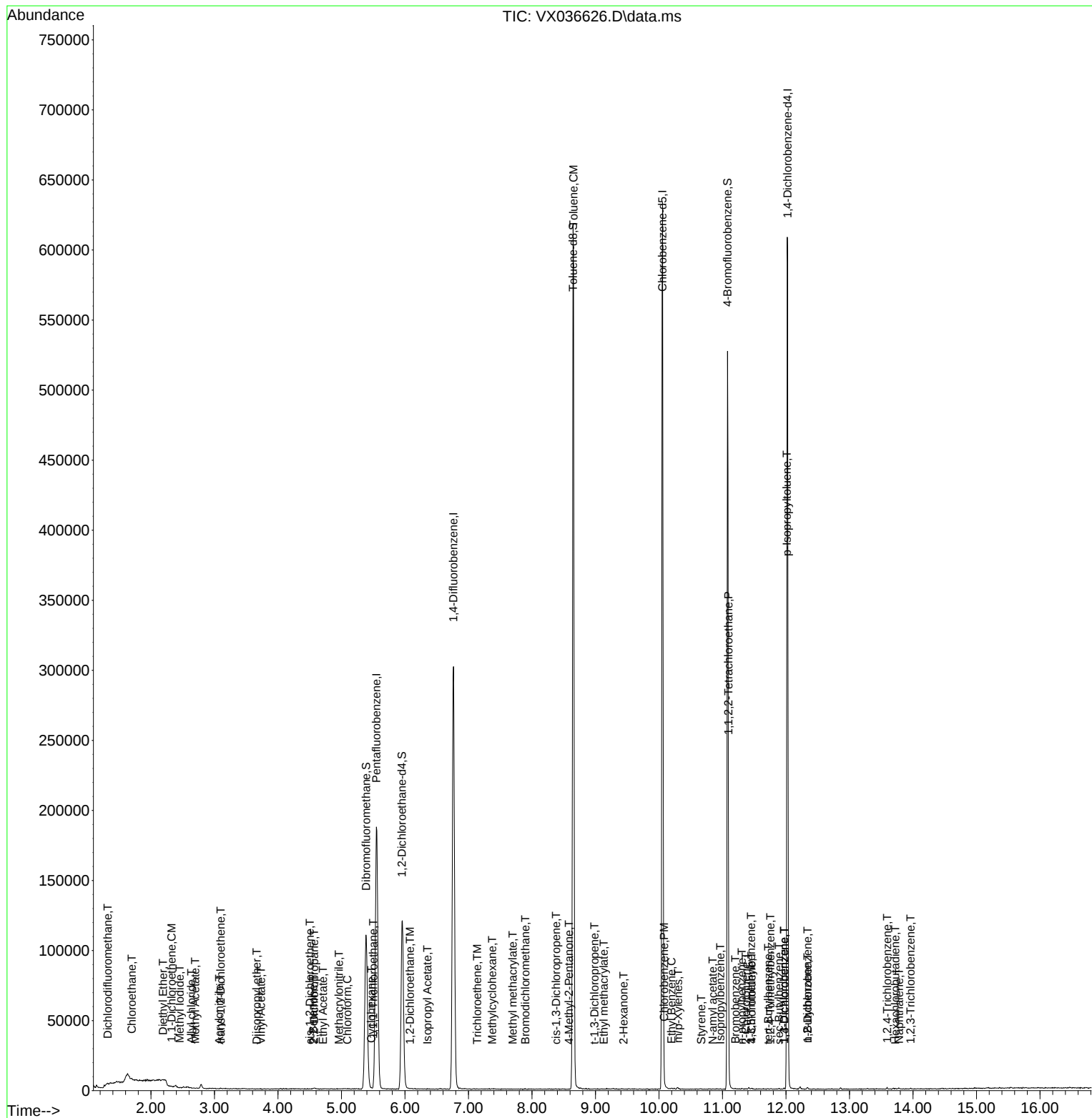
74) N-amyl acetate	10.848	43	328	0.068	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.092	83	198	0.056	ug/l #	4
77) Bromobenzene	11.201	156	74	0.031	ug/l	65
78) n-propylbenzene	11.305	91	582	0.048	ug/l #	69
79) 2-Chlorotoluene	11.366	91	254	0.035	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	242	0.028	ug/l #	42
82) 4-Chlorotoluene	11.457	91	433	0.052	ug/l	75
83) tert-Butylbenzene	11.720	119	214	0.025	ug/l #	85
84) 1,2,4-Trimethylbenzene	11.756	105	284	0.033	ug/l	95
85) sec-Butylbenzene	11.890	105	395	0.037	ug/l #	57
86) p-Isopropyltoluene	12.012	119	398	0.045	ug/l #	1
87) 1,3-Dichlorobenzene	11.969	146	337	0.077	ug/l	79
88) 1,4-Dichlorobenzene	11.969	146	337	0.077	ug/l	79
89) n-Butylbenzene	12.341	91	555	0.071	ug/l	90
91) 1,2-Dichlorobenzene	12.341	146	158	0.037	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	292	0.112	ug/l #	64
94) Hexachlorobutadiene	13.719	225	125	0.116	ug/l #	32
95) Naphthalene	13.780	128	979	0.108	ug/l #	74
96) 1,2,3-Trichlorobenzene	13.963	180	211	0.082	ug/l	95

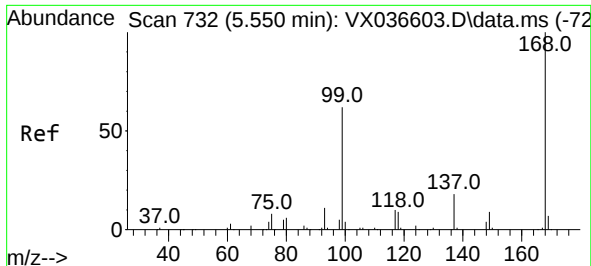
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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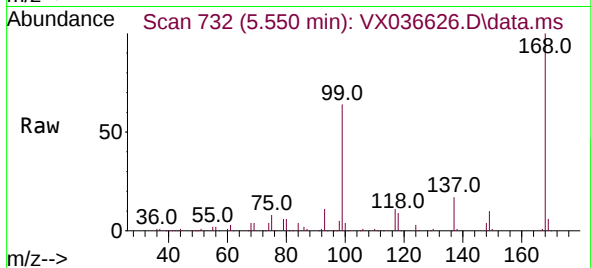
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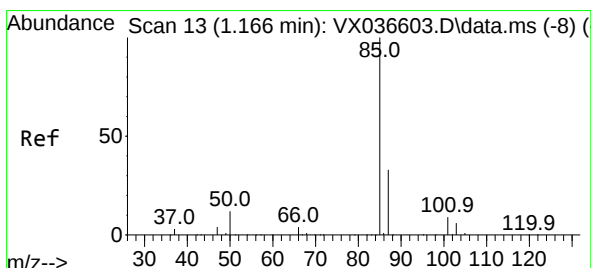
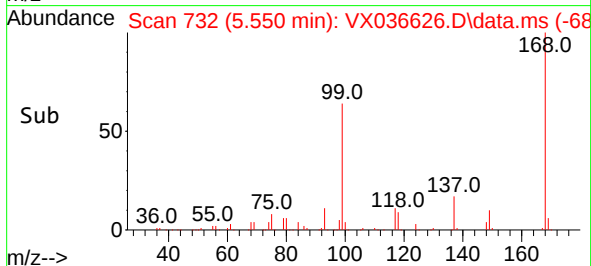
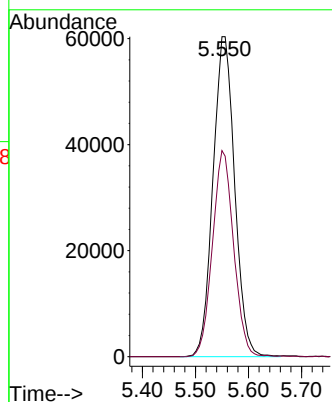


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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Instrument :
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TB-20230721

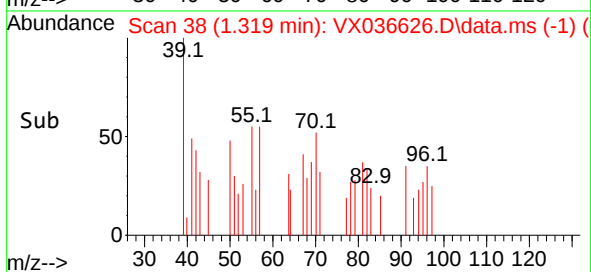
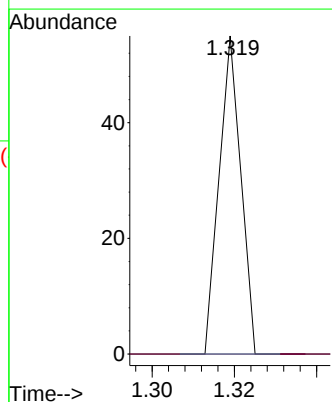
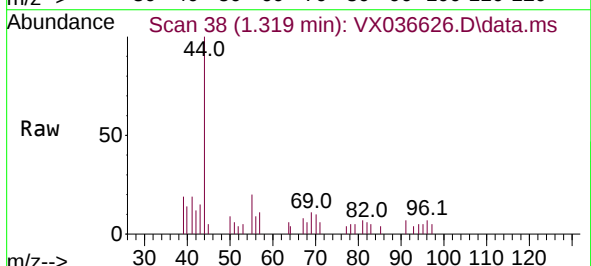


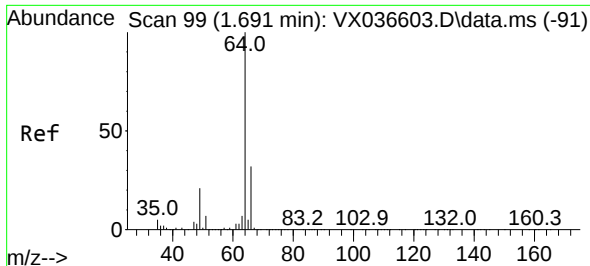
Tgt Ion:168 Resp: 171495
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.009 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.153 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#

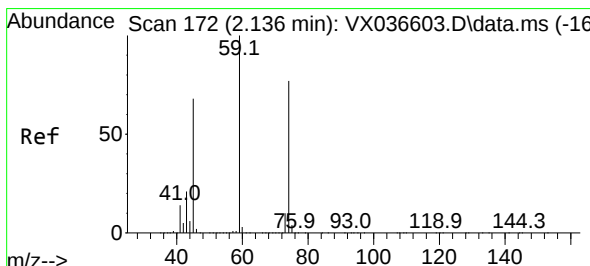
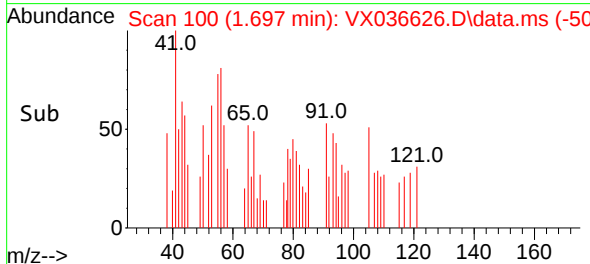
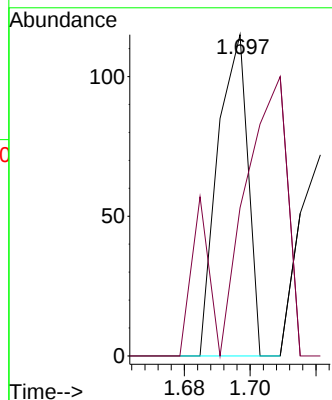
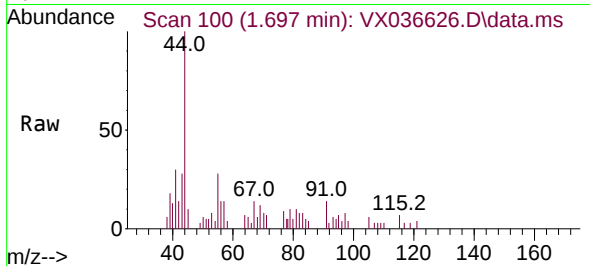




#6
Chloroethane
Concen: 0.072 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

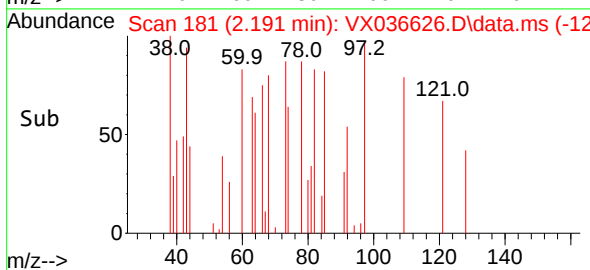
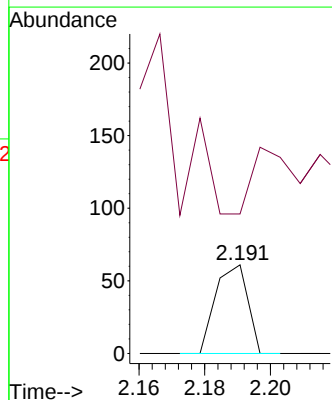
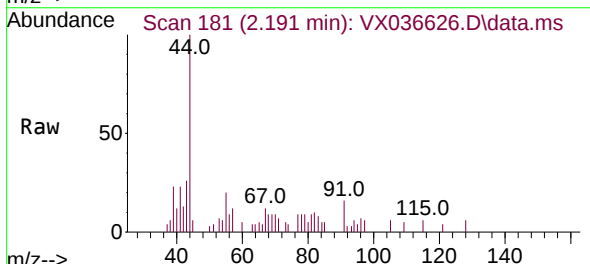
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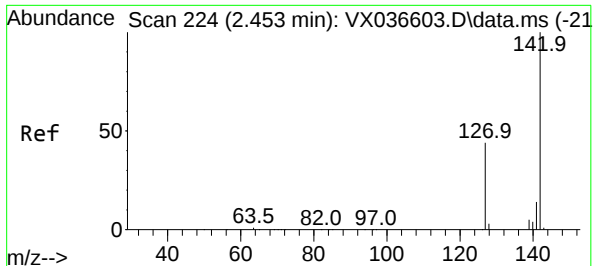
Tgt Ion: 64 Resp: 73
Ion Ratio Lower Upper
64 100
66 46.1 25.1 37.7#



#8
Diethyl Ether
Concen: 0.033 ug/l
RT: 2.191 min Scan# 181
Delta R.T. 0.055 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 74 Resp: 41
Ion Ratio Lower Upper
74 100
45 95.1 53.3 159.8

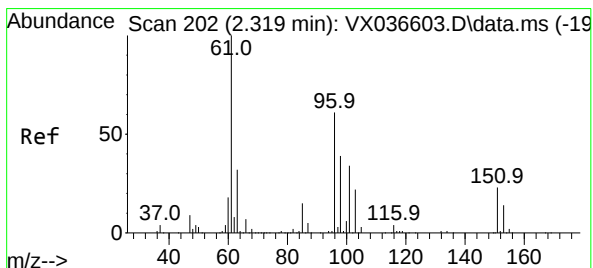
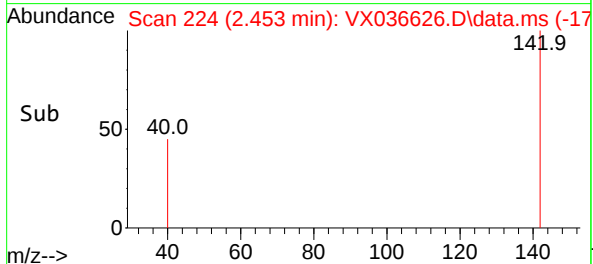
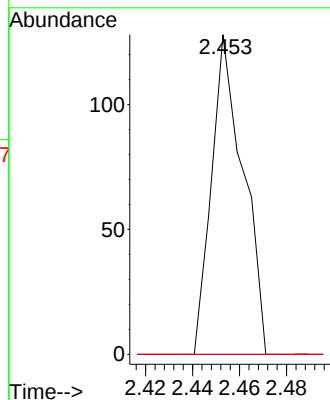
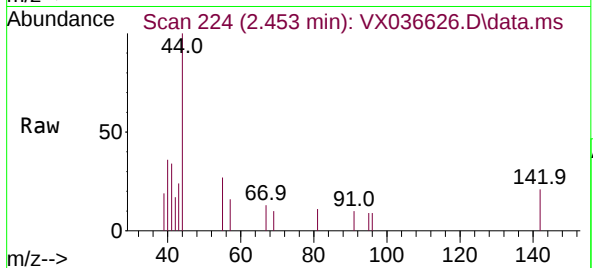




#10
Methyl Iodide
Concen: 0.059 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

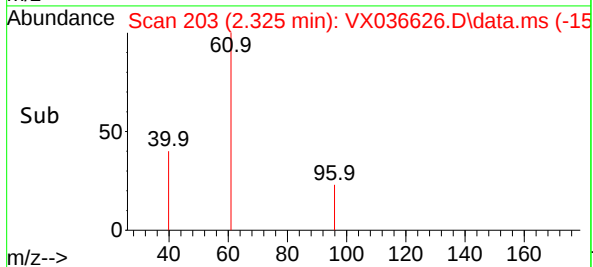
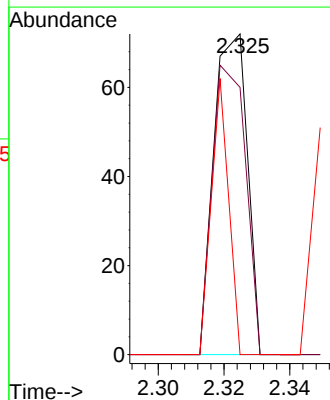
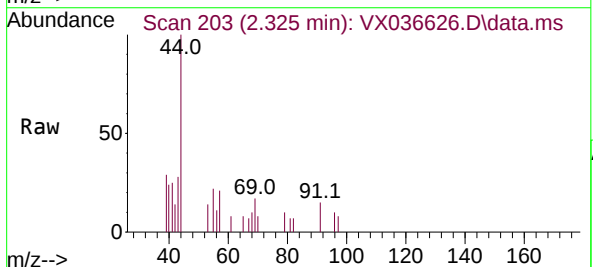
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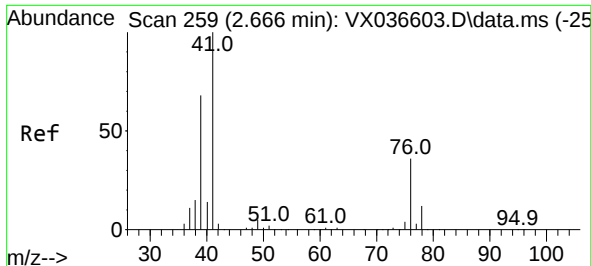
Tgt Ion:142 Resp: 120
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#



#12
1,1-Dichloroethene
Concen: 0.027 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 96 Resp: 51
Ion Ratio Lower Upper
96 100
61 83.3 144.6 216.8#
98 0.0 50.4 75.6#

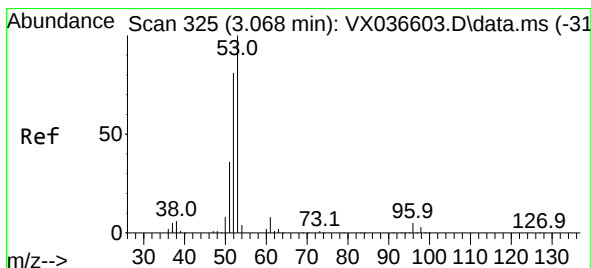
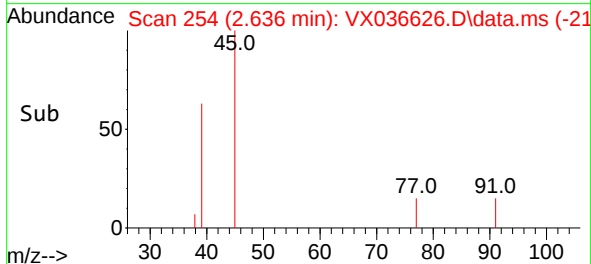
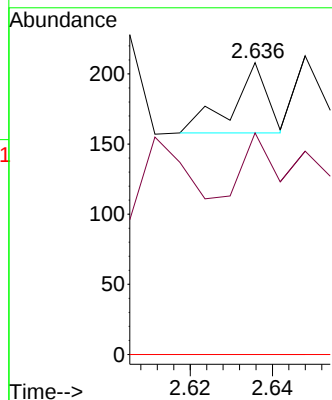
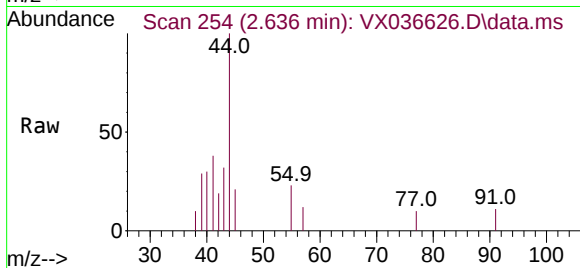




#14
 Allyl chloride
 Concen: 0.008 ug/l
 RT: 2.636 min Scan# 21
 Delta R.T. -0.030 min
 Lab File: VX036626.D
 Acq: 24 Jul 2023 12:56

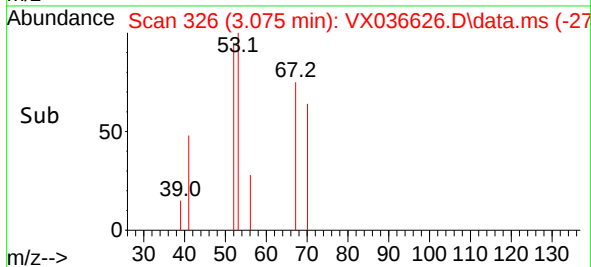
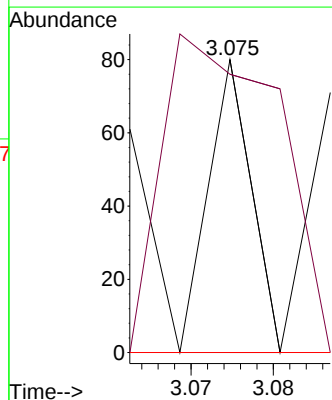
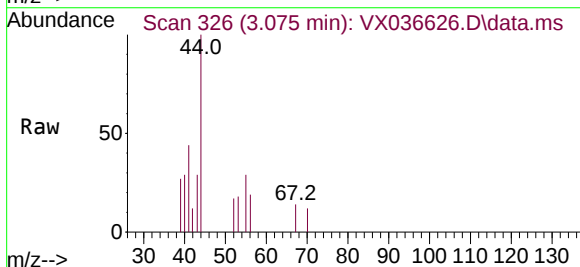
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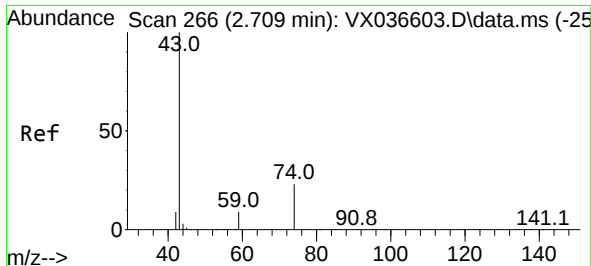
Tgt Ion: 41 Resp: 29
 Ion Ratio Lower Upper
 41 100
 39 127.6 55.8 83.6#
 76 0.0 24.3 36.5#



#15
 Acrylonitrile
 Concen: 0.024 ug/l
 RT: 3.075 min Scan# 326
 Delta R.T. 0.006 min
 Lab File: VX036626.D
 Acq: 24 Jul 2023 12:56

Tgt Ion: 53 Resp: 29
 Ion Ratio Lower Upper
 53 100
 52 296.6 66.0 99.0#
 51 0.0 29.8 44.6#

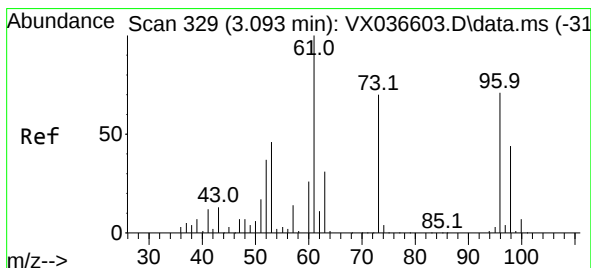
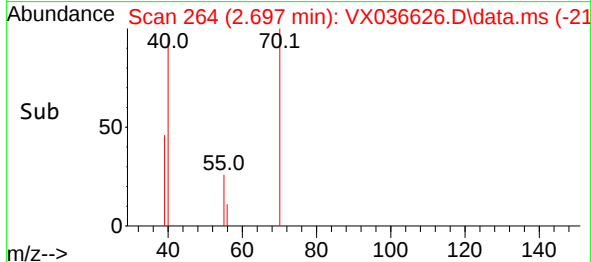
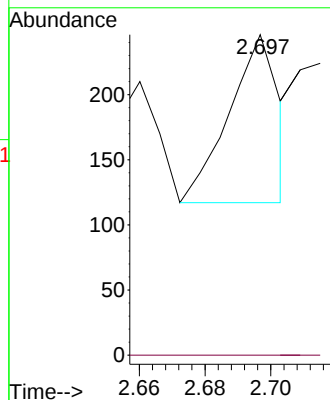
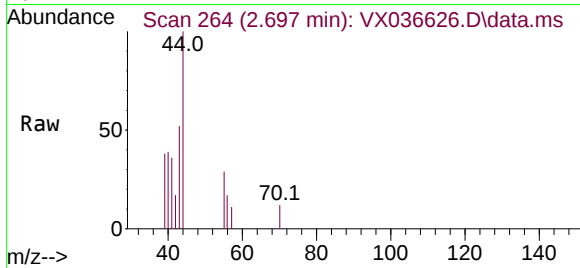




#18
Methyl Acetate
Concen: 0.031 ug/l
RT: 2.697 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

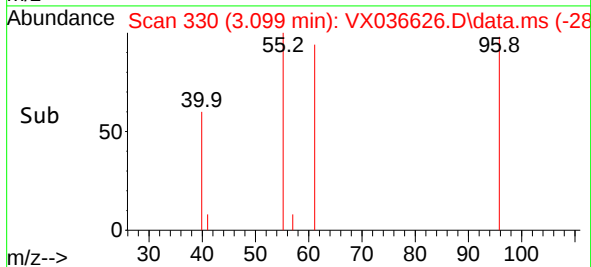
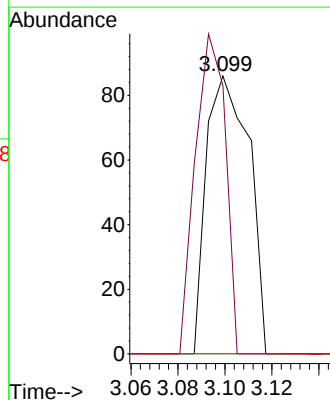
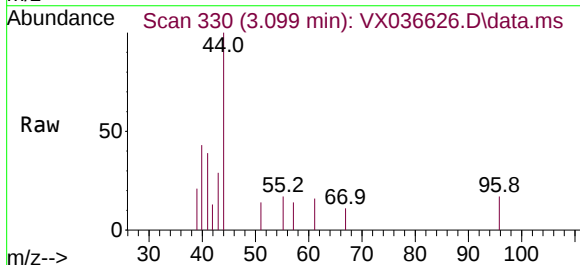
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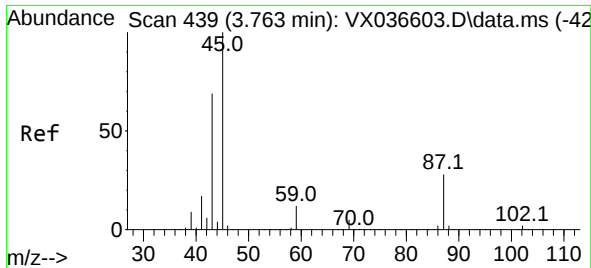
Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#21
trans-1,2-Dichloroethene
Concen: 0.051 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 96 Resp: 109
Ion Ratio Lower Upper
96 100
61 96.5 119.2 178.8#
98 0.0 48.7 73.1#

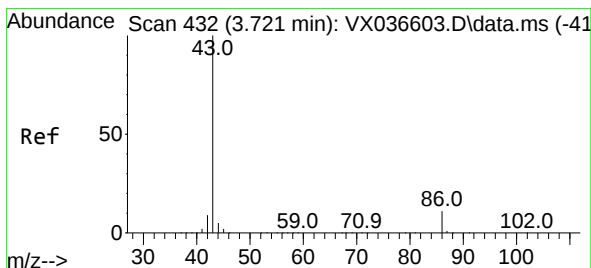
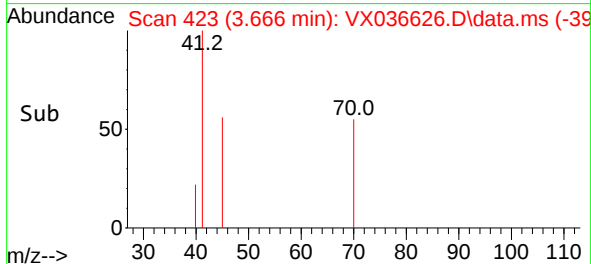
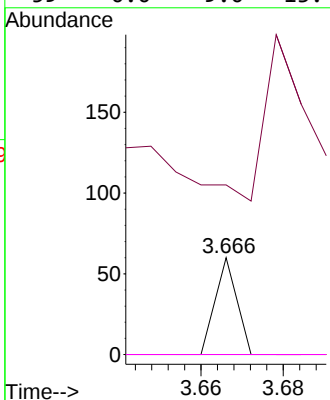
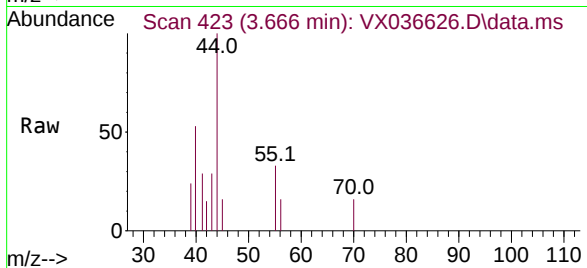




#22
Diisopropyl ether
Concen: 0.003 ug/l
RT: 3.666 min Scan# 41
Delta R.T. -0.097 min
Lab File: VX036626.D
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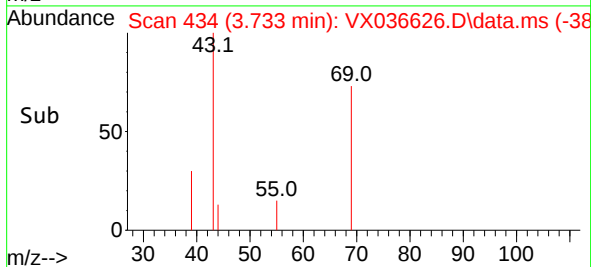
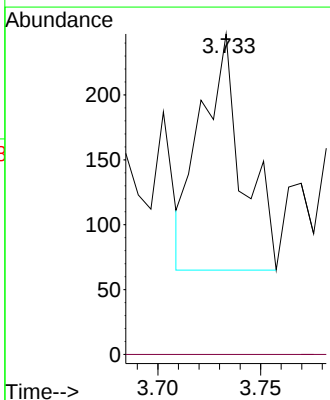
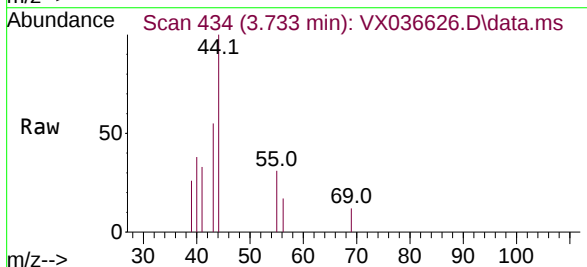
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

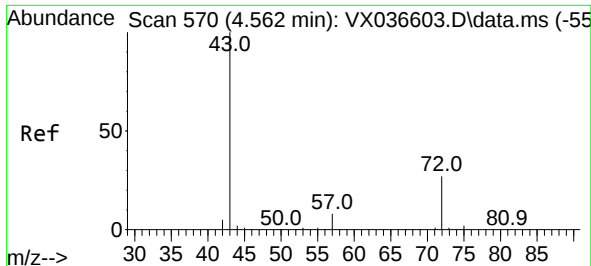
Tgt Ion:	45	Resp:	22
Ion	Ratio	Lower	Upper
45	100		
43	0.0	69.7	104.5#
87	0.0	20.8	31.2#
59	0.0	9.0	13.4#



#23
Vinyl Acetate
Concen: 0.047 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.012 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion:	43	Resp:	257
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8#

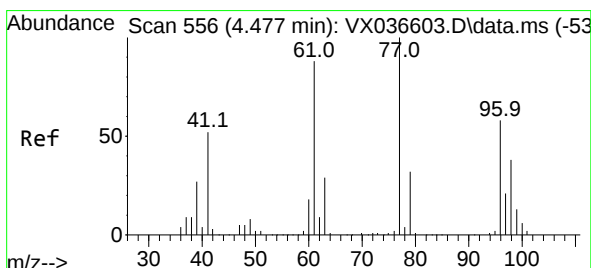
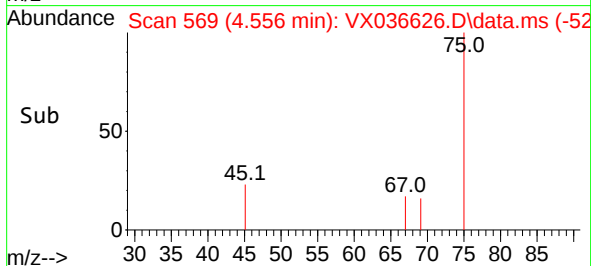
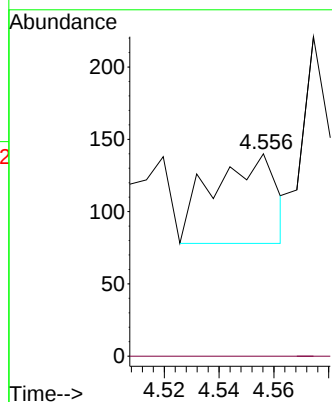
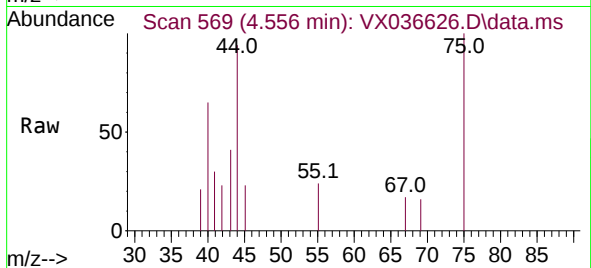




#25
2-Butanone
Concen: 0.058 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

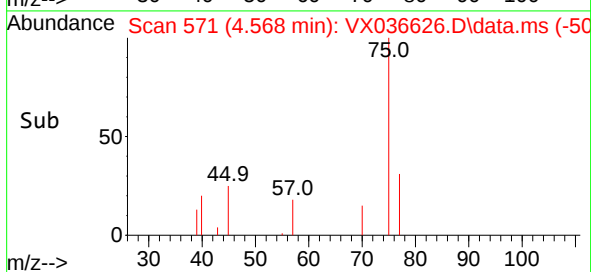
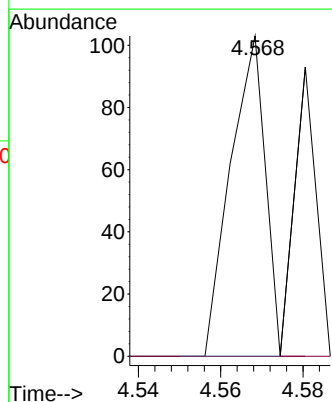
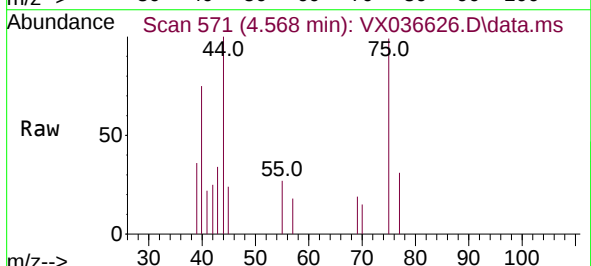
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

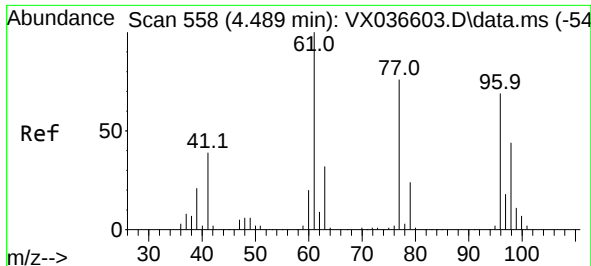
Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.016 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.092 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 77 Resp: 60
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.028 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

TB-20230721

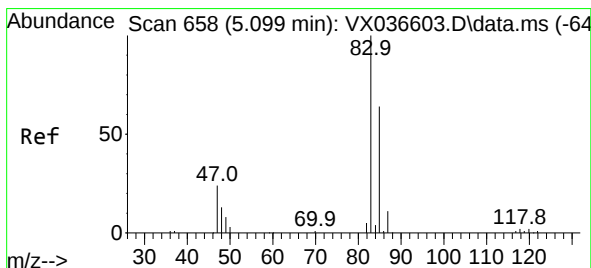
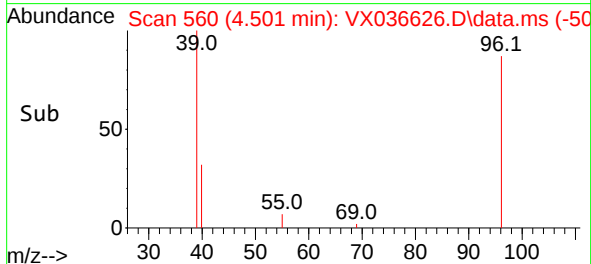
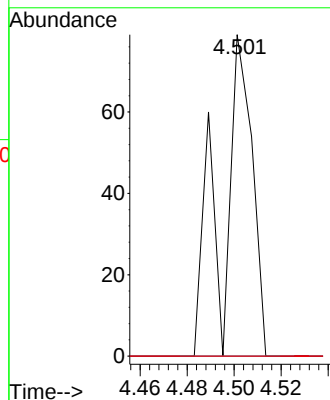
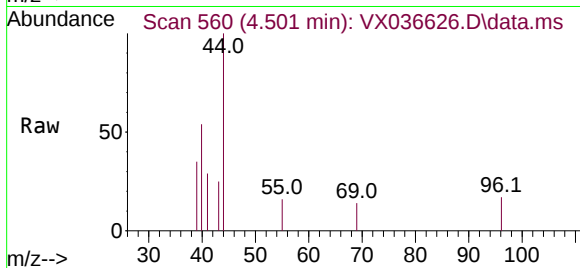
Tgt Ion: 96 Resp: 71

Ion Ratio Lower Upper

96 100

61 0.0 0.0 312.2

98 0.0 0.0 129.0



#30

Chloroform

Concen: 0.018 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036626.D

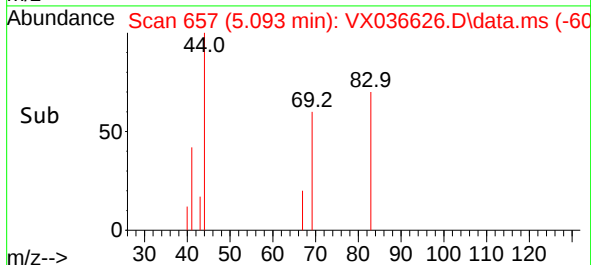
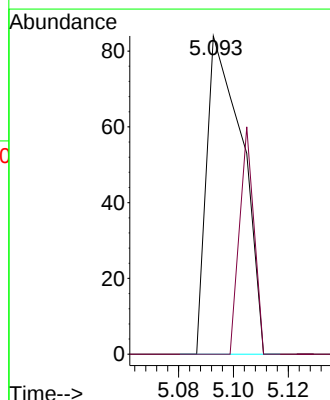
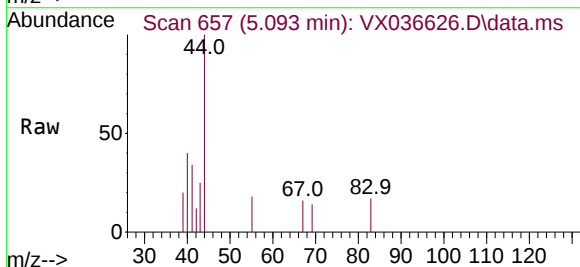
Acq: 24 Jul 2023 12:56

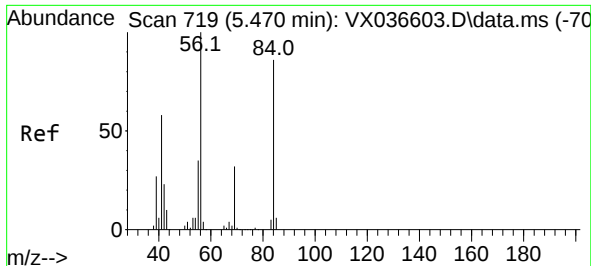
Tgt Ion: 83 Resp: 75

Ion Ratio Lower Upper

83 100

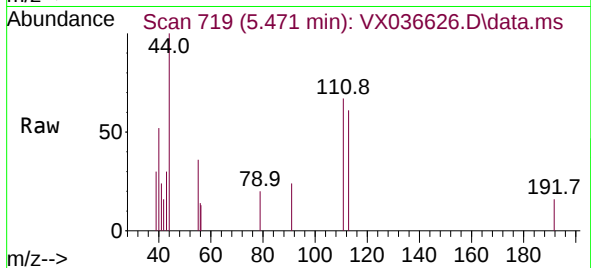
85 0.0 50.3 75.5#



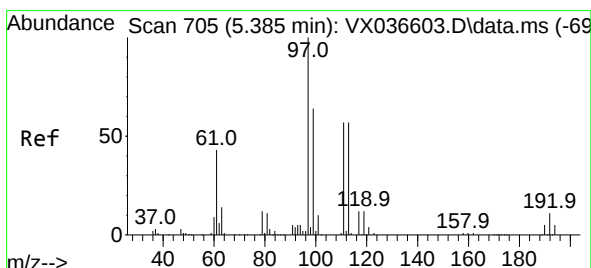
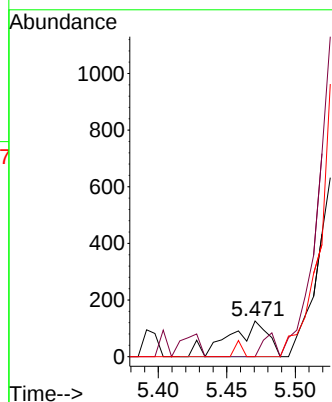
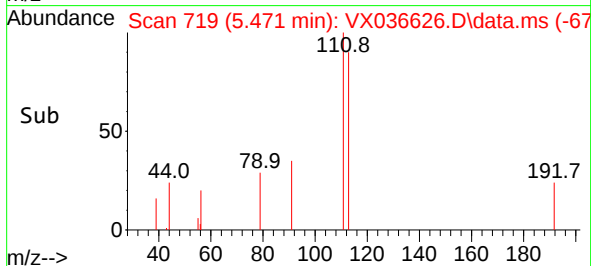


#31
Cyclohexane
Concen: 0.071 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

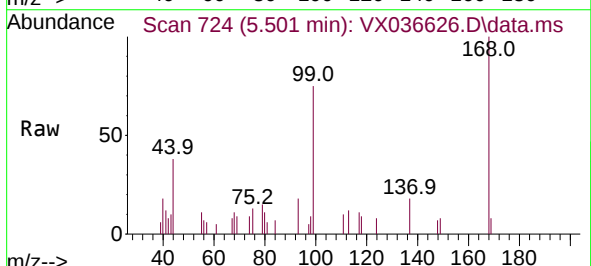
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721



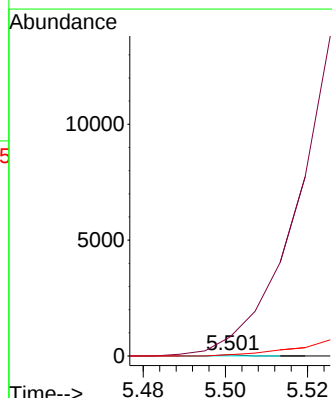
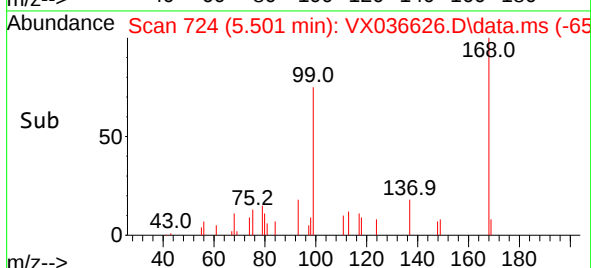
Tgt Ion: 56 Resp: 249
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2#
84 0.0 65.9 98.9#

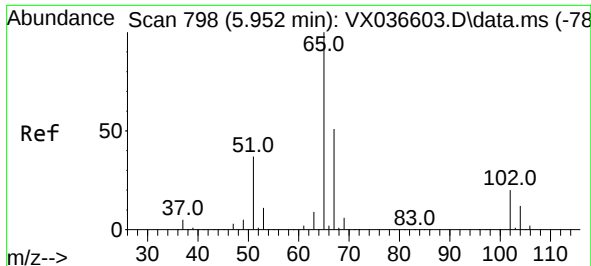


#32
1,1,1-Trichloroethane
Concen: 0.005 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.116 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56



Tgt Ion: 97 Resp: 19
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 0.0 36.4 54.6#

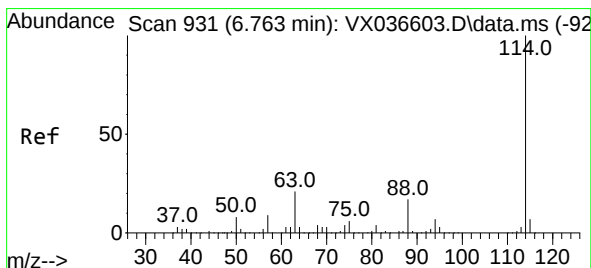
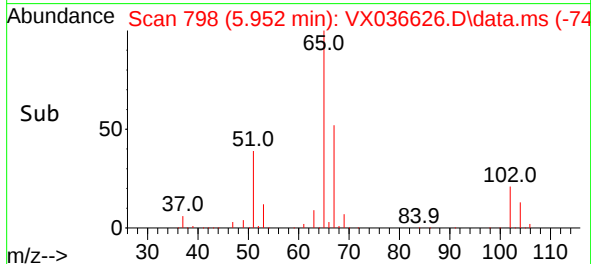
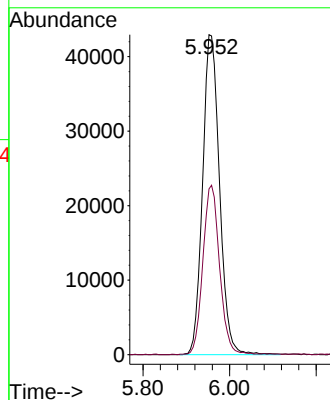
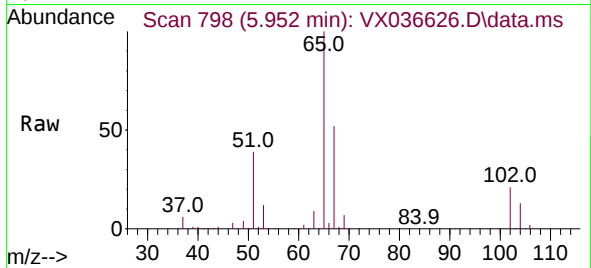




#33
 1,2-Dichloroethane-d4
 Concen: 45.962 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036626.D
 Acq: 24 Jul 2023 12:56

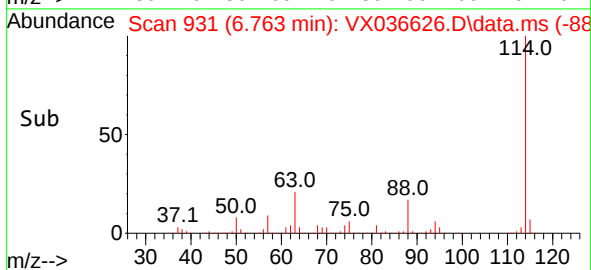
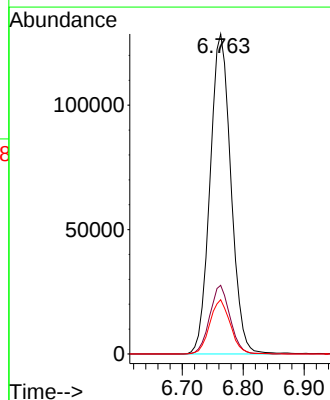
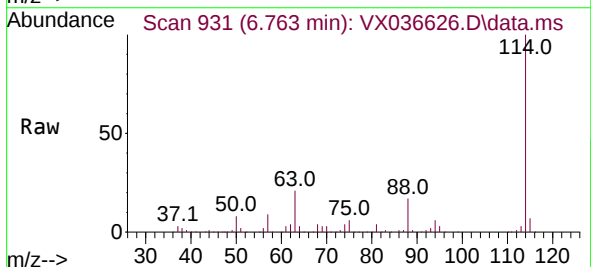
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230721

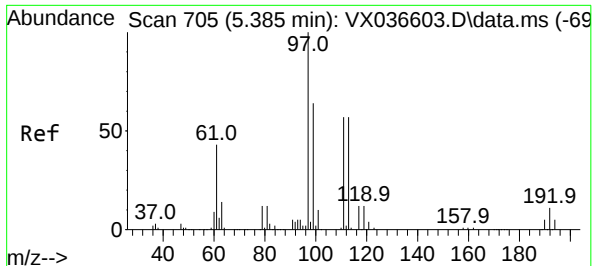
Tgt Ion: 65 Resp: 116629
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036626.D
 Acq: 24 Jul 2023 12:56

Tgt Ion: 114 Resp: 305957
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.112 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036626.D

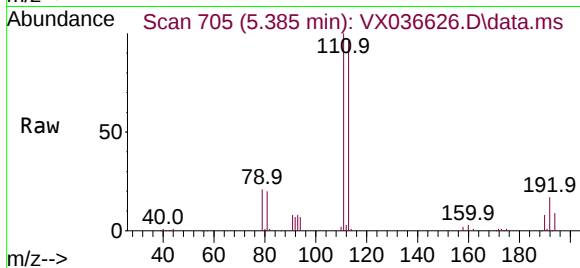
Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

TB-20230721



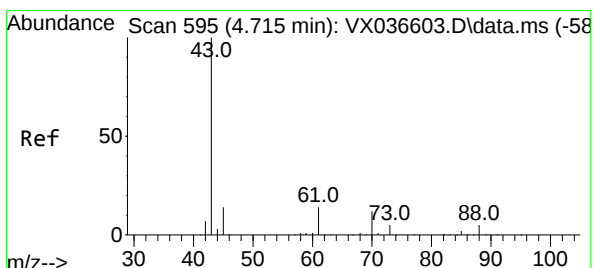
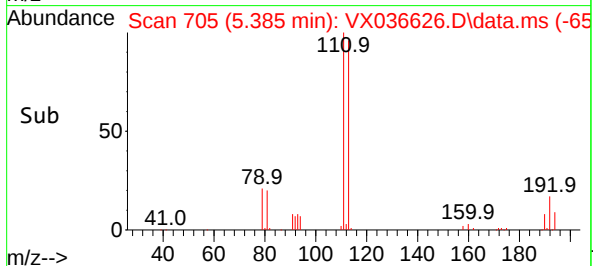
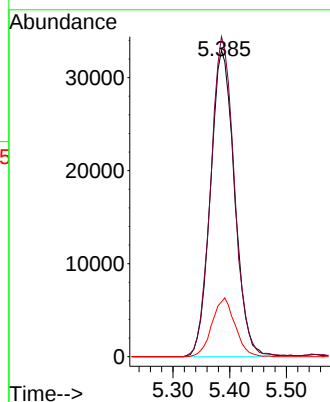
Tgt Ion:113 Resp: 96972

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 18.4 13.3 19.9



#37

Ethyl Acetate

Concen: 0.014 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

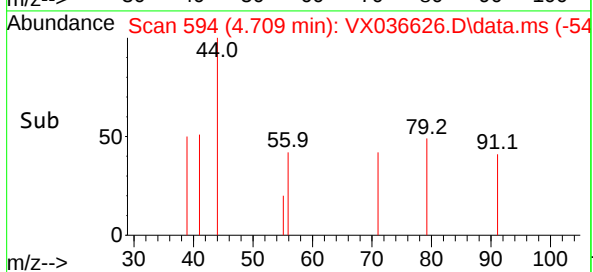
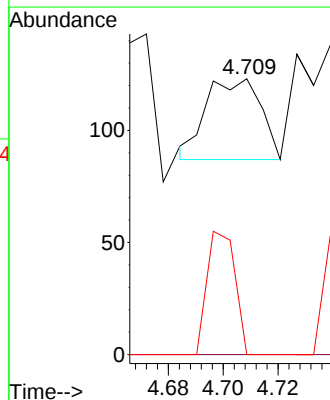
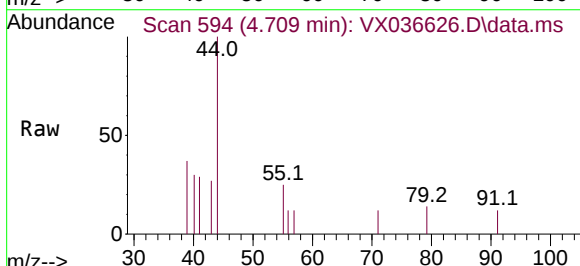
Tgt Ion: 43 Resp: 49

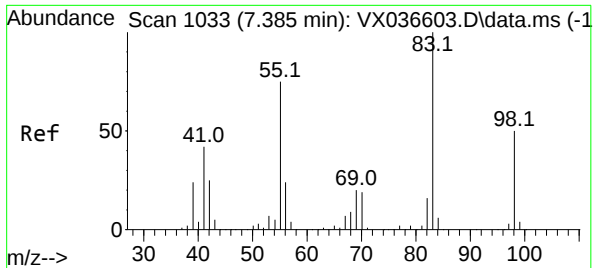
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 79.6 8.3 12.5#





#39

Methylcyclohexane

Concen: 0.011 ug/l

RT: 7.373 min Scan# 1

Delta R.T. -0.012 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

TB-20230721

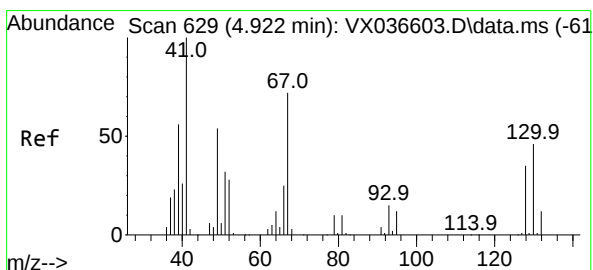
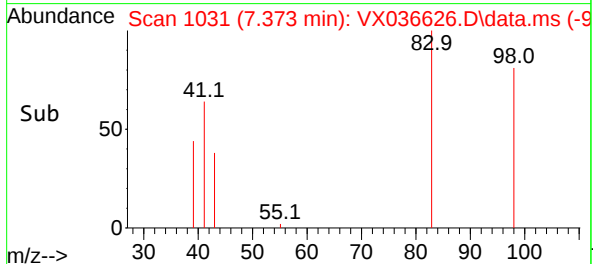
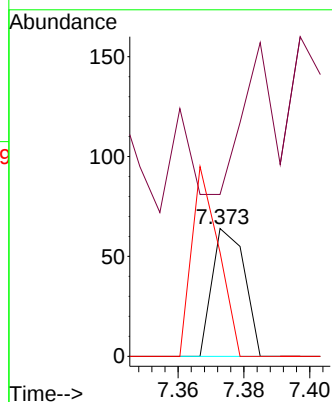
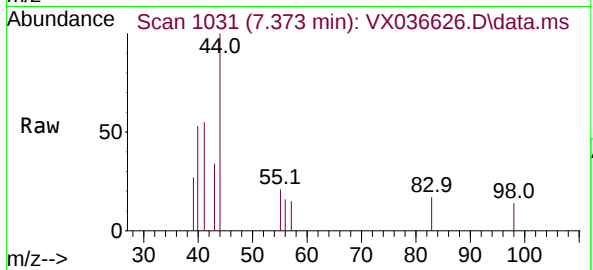
Tgt Ion: 83 Resp: 44

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 81.3 36.7 55.1#



#41

Methacrylonitrile

Concen: 0.117 ug/l

RT: 4.959 min Scan# 635

Delta R.T. 0.037 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Tgt Ion: 41 Resp: 222

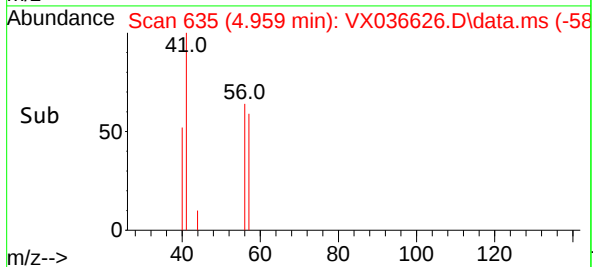
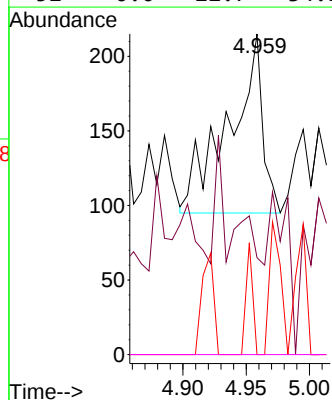
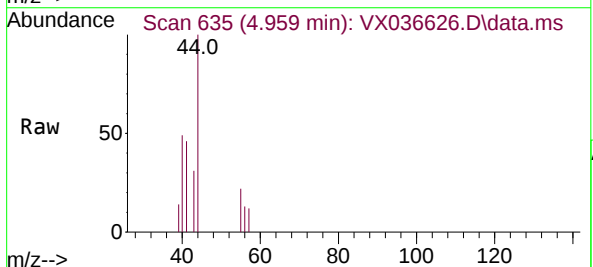
Ion Ratio Lower Upper

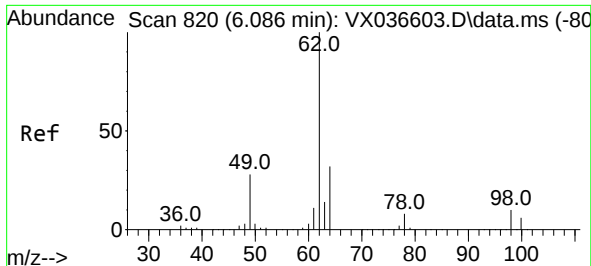
41 100

39 0.0 45.2 67.8#

67 12.2 52.6 78.8#

52 0.0 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.022 ug/l

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

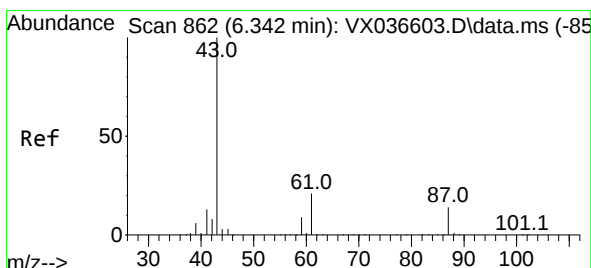
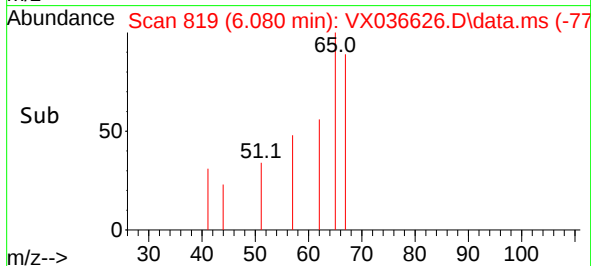
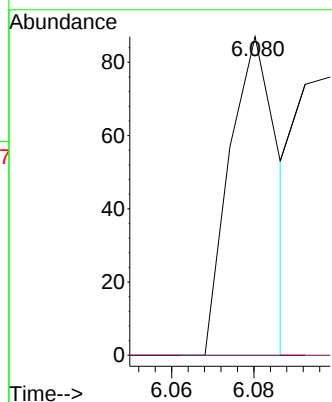
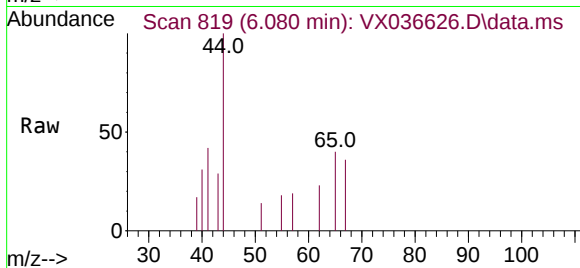
TB-20230721

Tgt Ion: 62 Resp: 72

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#43

Isopropyl Acetate

Concen: 0.005 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

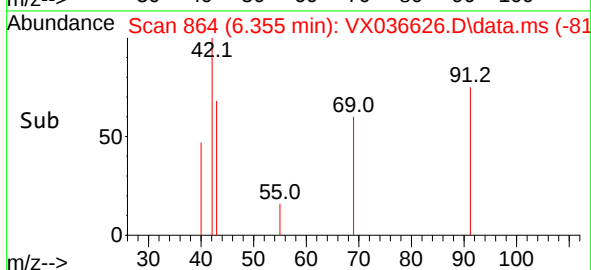
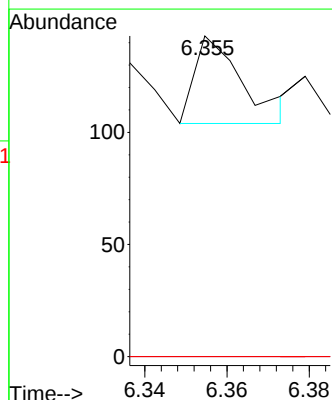
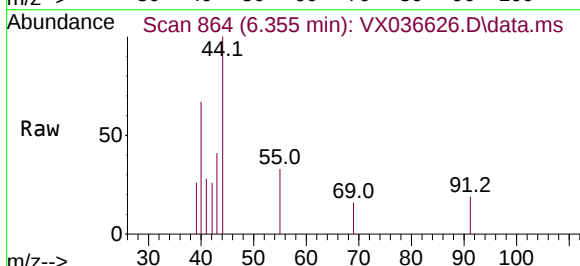
Tgt Ion: 43 Resp: 32

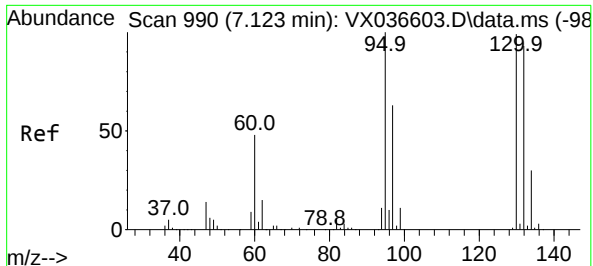
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#

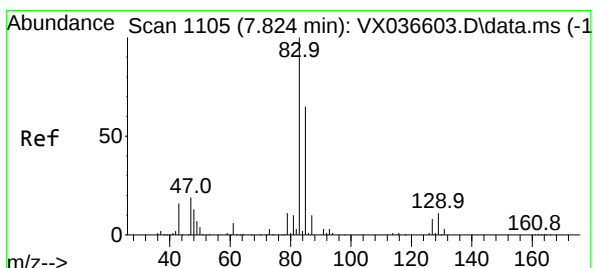
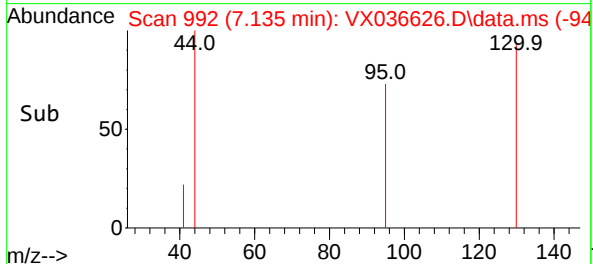
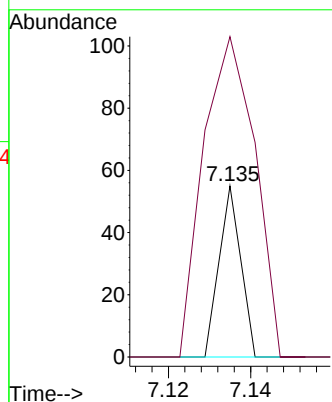
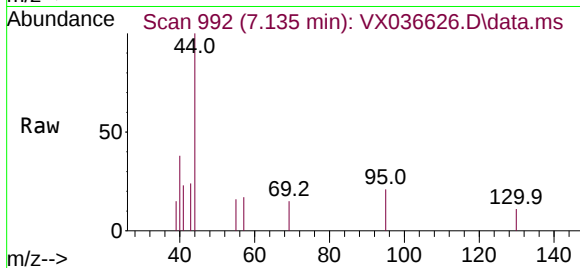




#44
Trichloroethene
Concen: 0.008 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

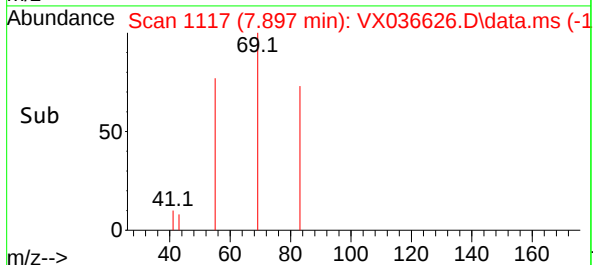
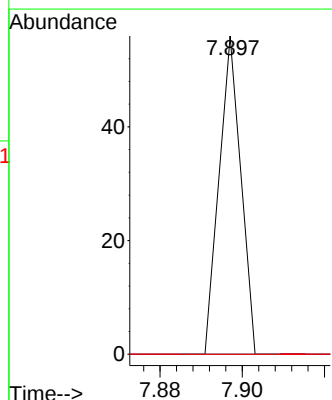
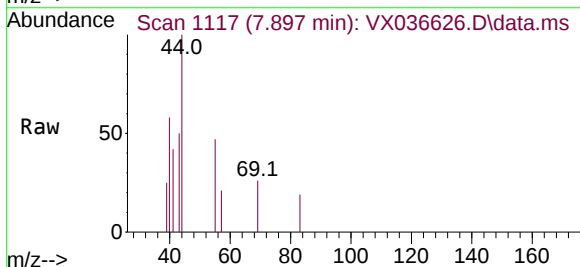
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

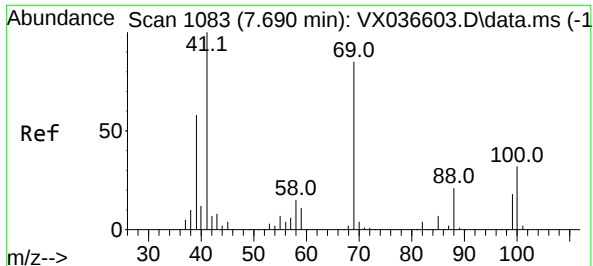
Tgt Ion:130 Resp: 20
Ion Ratio Lower Upper
130 100
95 187.3 0.0 204.4



#47
Bromodichloromethane
Concen: 0.006 ug/l
RT: 7.897 min Scan# 1117
Delta R.T. 0.073 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 83 Resp: 20
Ion Ratio Lower Upper
83 100
85 0.0 49.8 74.6#
127 0.0 7.1 10.7#

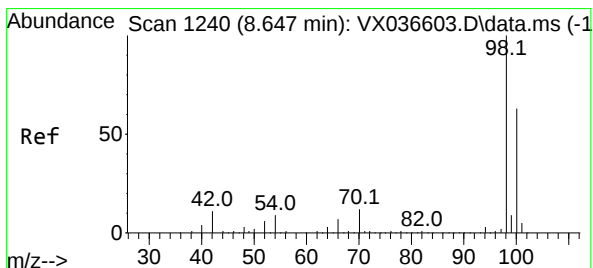
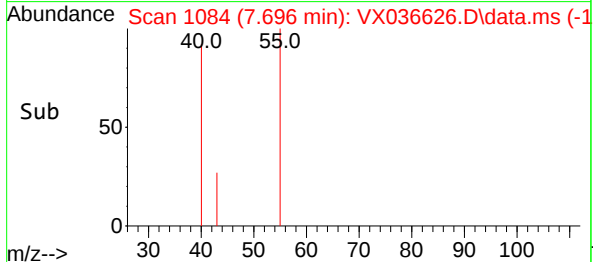
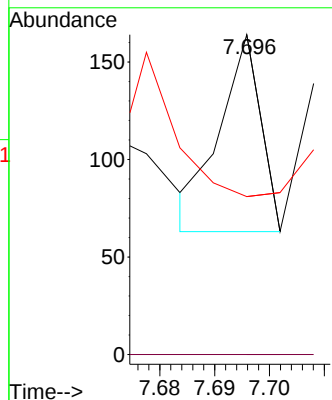
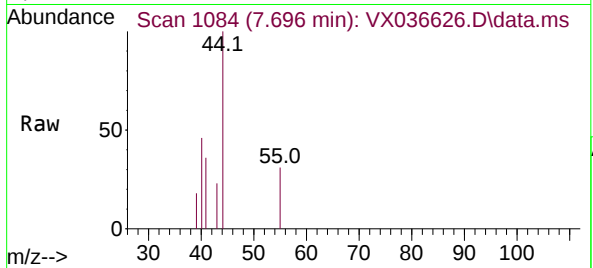




#48
Methyl methacrylate
Concen: 0.018 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

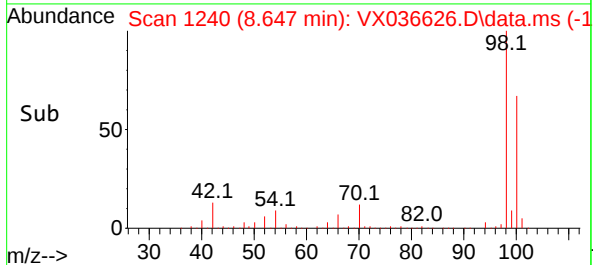
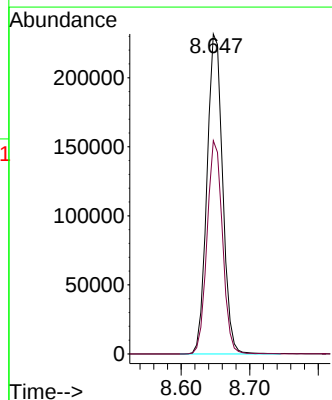
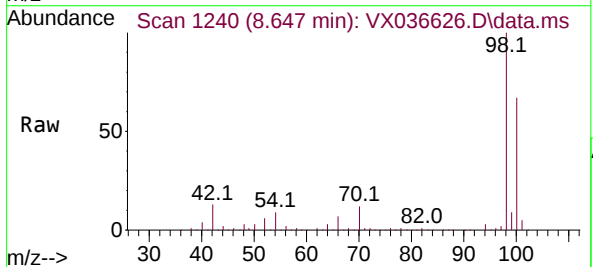
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

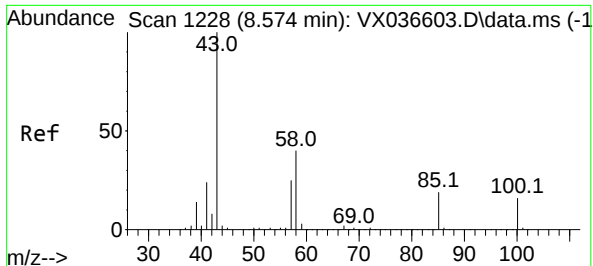
Tgt Ion: 41 Resp: 52
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 101.9 47.7 71.5#



#50
Toluene-d8
Concen: 49.333 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 98 Resp: 367904
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.048 ug/l

RT: 8.580 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

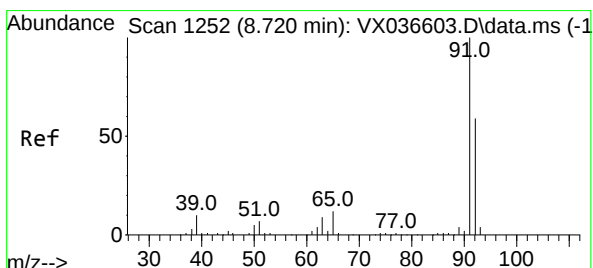
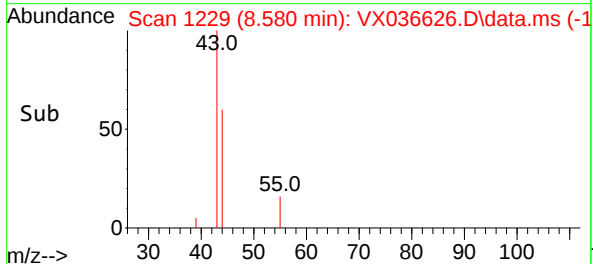
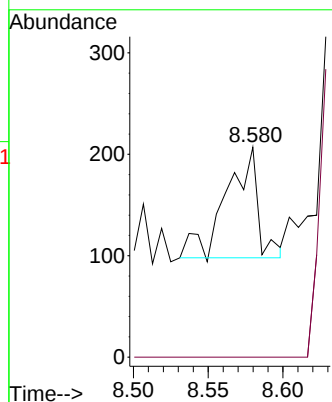
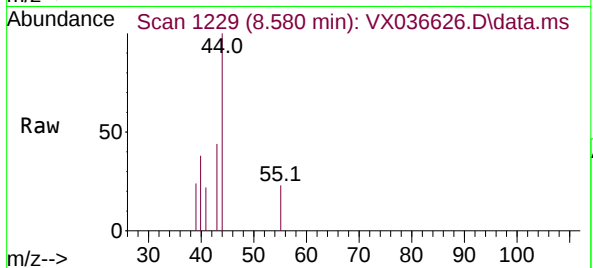
TB-20230721

Tgt Ion: 43 Resp: 161

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#52

Toluene

Concen: 0.005 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.067 min

Lab File: VX036626.D

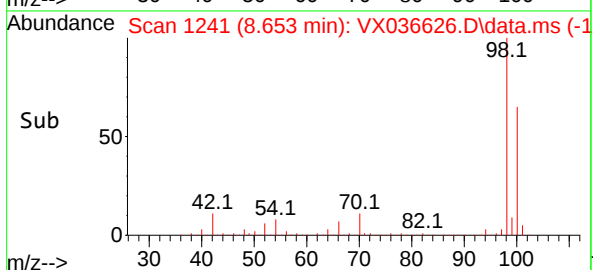
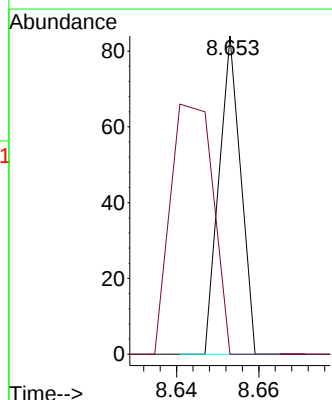
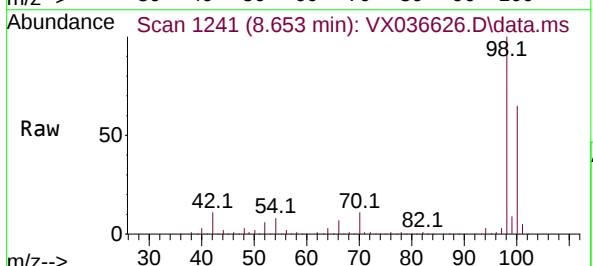
Acq: 24 Jul 2023 12:56

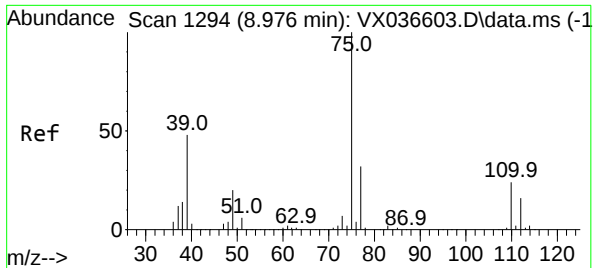
Tgt Ion: 92 Resp: 31

Ion Ratio Lower Upper

92 100

91 154.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.024 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

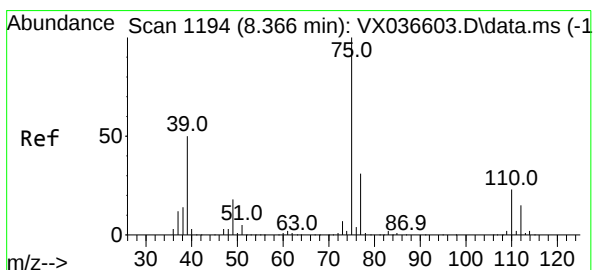
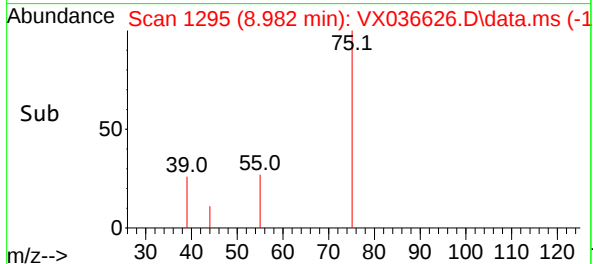
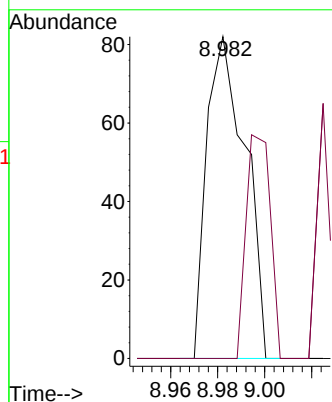
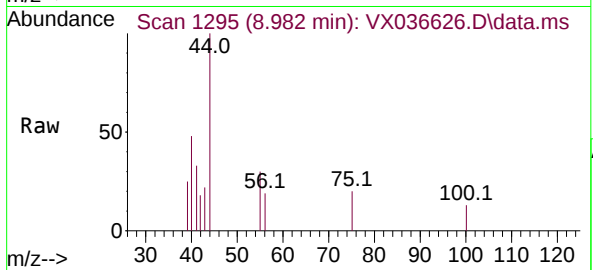
TB-20230721

Tgt Ion: 75 Resp: 93

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#



#54

cis-1,3-Dichloropropene

Concen: 0.011 ug/l

RT: 8.379 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

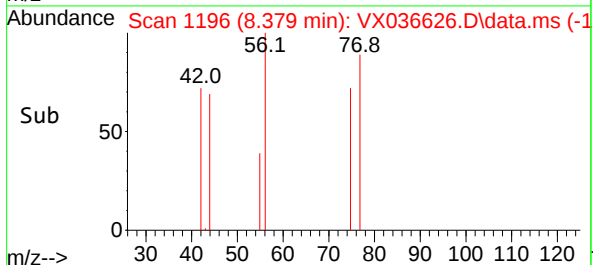
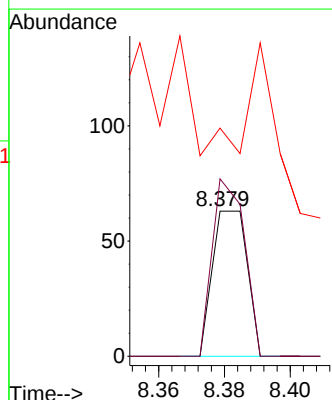
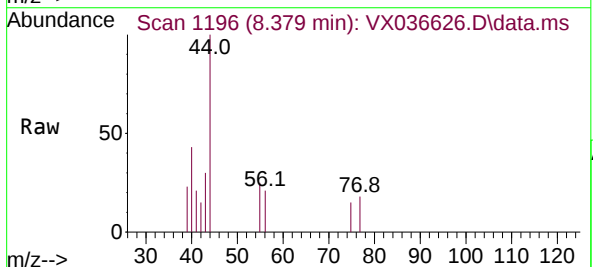
Tgt Ion: 75 Resp: 46

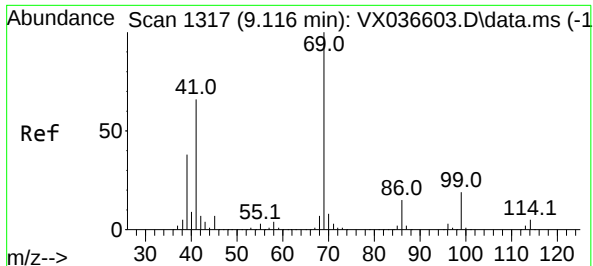
Ion Ratio Lower Upper

75 100

77 122.2 25.3 37.9#

39 17.5 46.7 70.1#





#56

Ethyl methacrylate

Concen: 0.016 ug/l

RT: 9.129 min Scan# 1317

Delta R.T. 0.012 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

TB-20230721

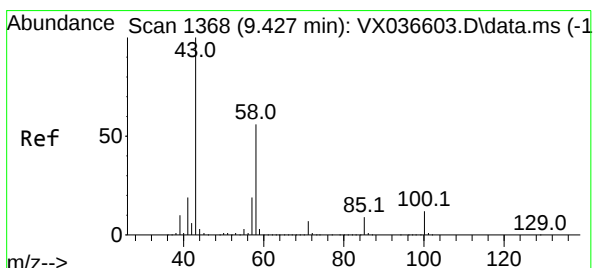
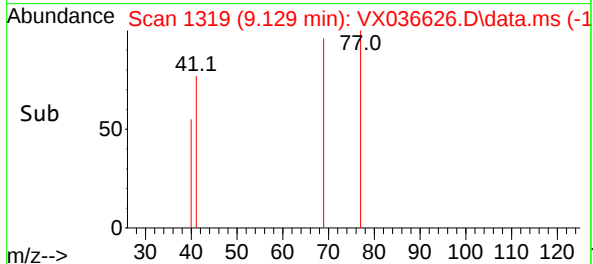
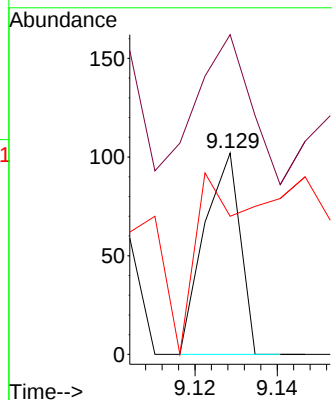
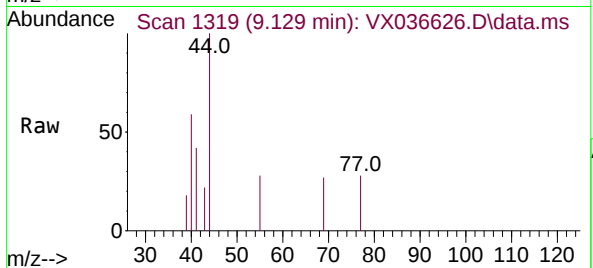
Tgt Ion: 69 Resp: 62

Ion Ratio Lower Upper

69 100

41 109.7 56.8 85.2#

39 279.0 32.0 48.0#



#59

2-Hexanone

Concen: 0.036 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX036626.D

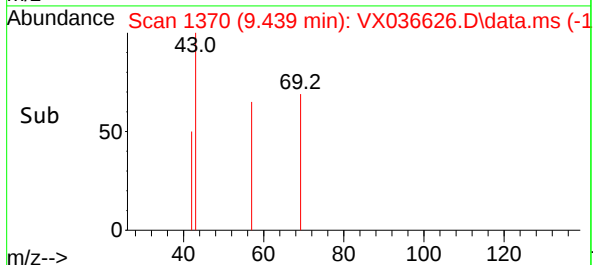
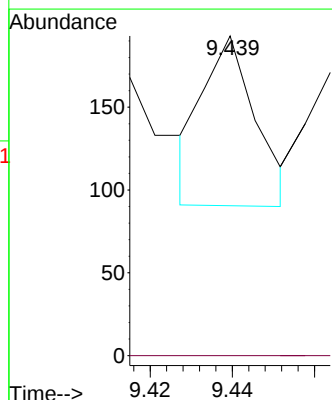
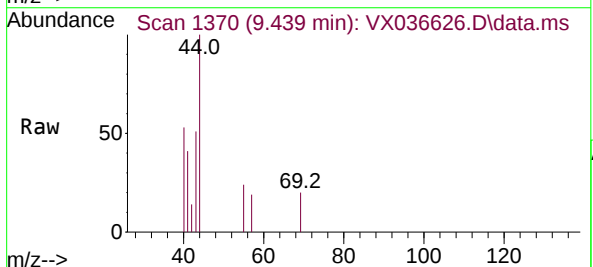
Acq: 24 Jul 2023 12:56

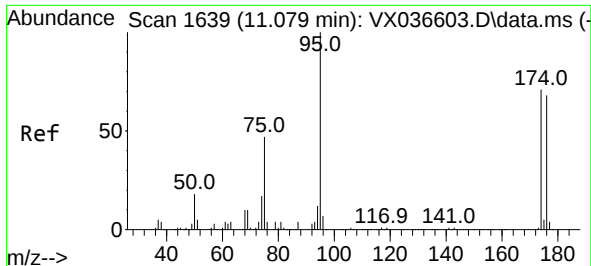
Tgt Ion: 43 Resp: 91

Ion Ratio Lower Upper

43 100

58 0.0 26.2 78.5#

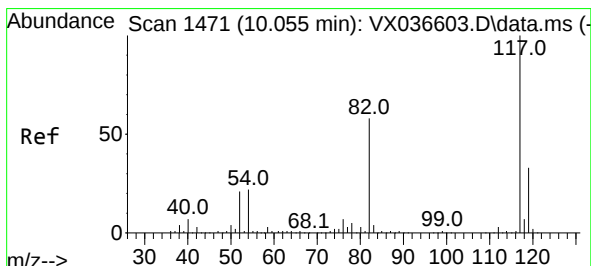
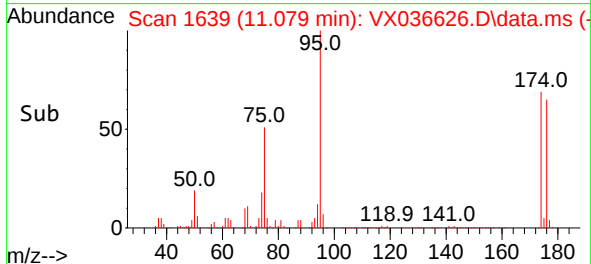
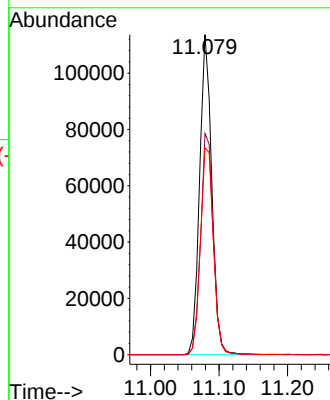
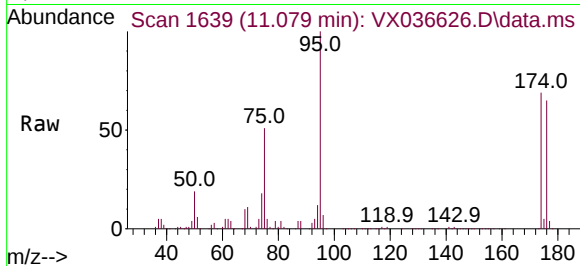




#62
4-Bromofluorobenzene
Concen: 49.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

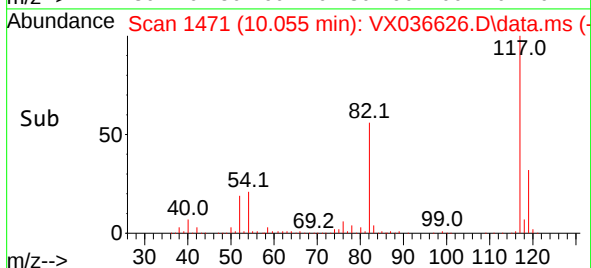
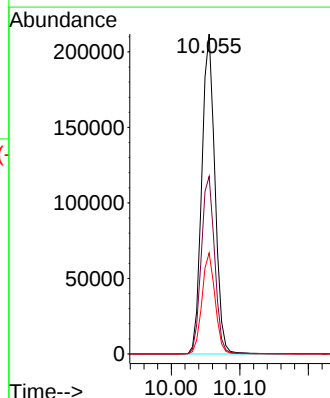
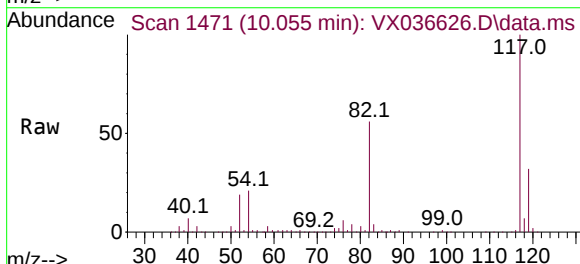
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

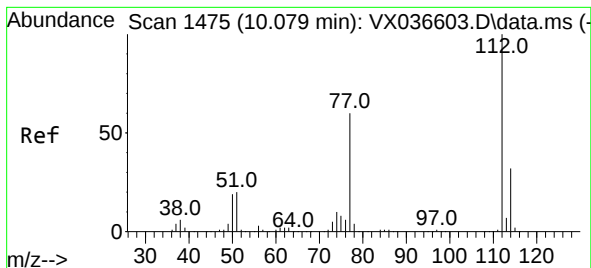
Tgt Ion: 95 Resp: 140621
Ion Ratio Lower Upper
95 100
174 71.7 0.0 135.6
176 69.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 117 Resp: 283672
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.6 25.5 38.3





#65

Chlorobenzene

Concen: 0.028 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

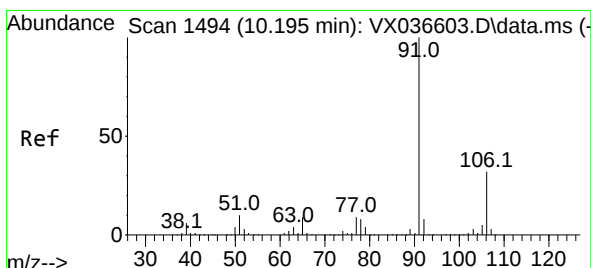
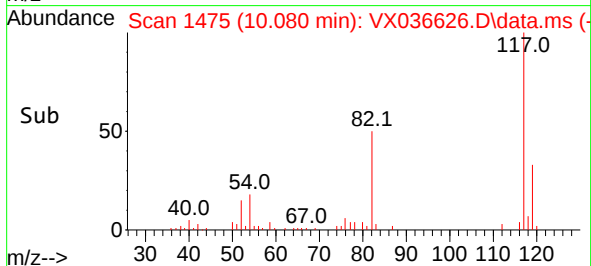
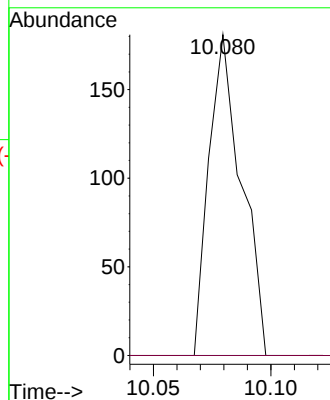
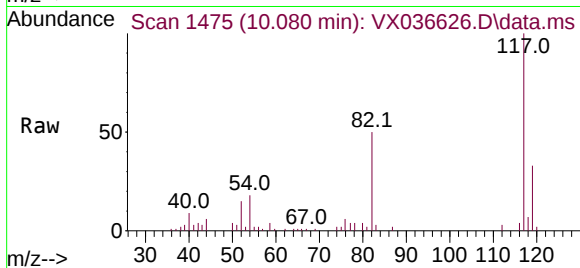
TB-20230721

Tgt Ion:112 Resp: 174

Ion Ratio Lower Upper

112 100

114 0.0 25.7 38.5#



#67

Ethyl Benzene

Concen: 0.028 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036626.D

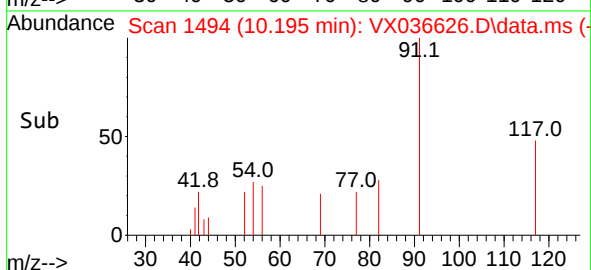
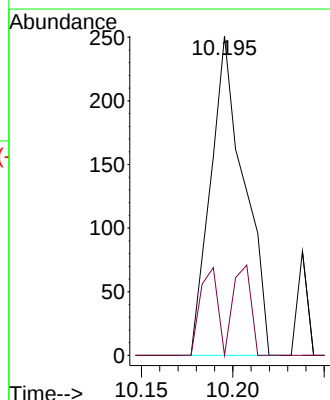
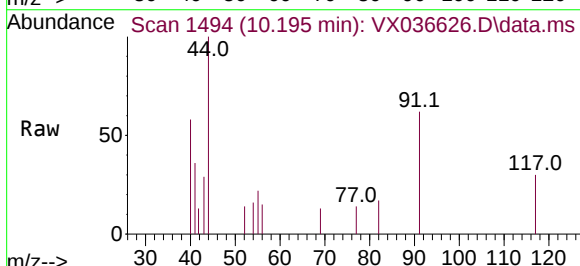
Acq: 24 Jul 2023 12:56

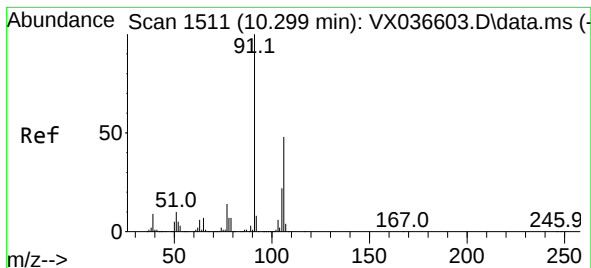
Tgt Ion: 91 Resp: 319

Ion Ratio Lower Upper

91 100

106 0.0 24.9 37.3#

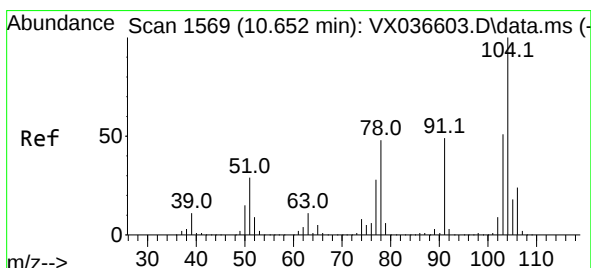
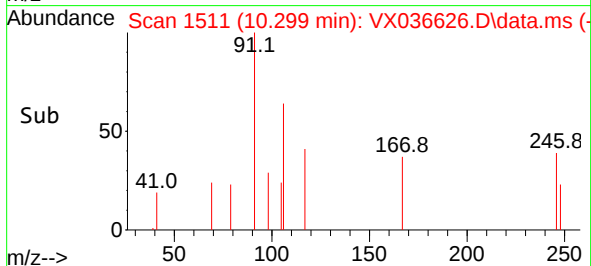
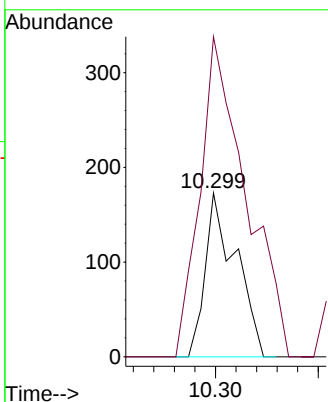
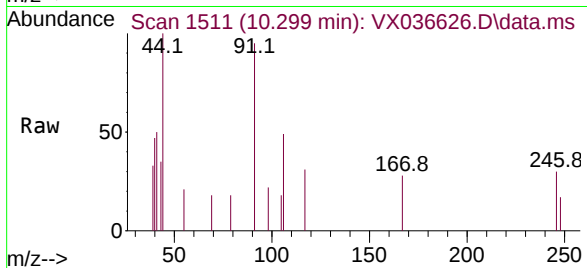




#68
m/p-Xylenes
Concen: 0.042 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

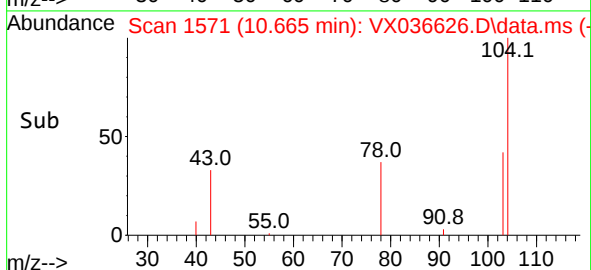
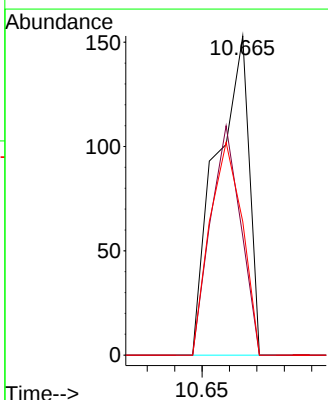
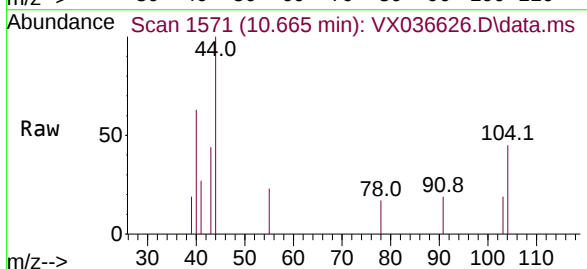
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

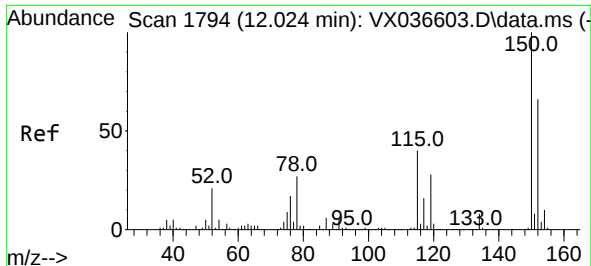
Tgt Ion:106 Resp: 179
Ion Ratio Lower Upper
106 100
91 292.2 165.5 248.3#



#70
Styrene
Concen: 0.018 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion:104 Resp: 127
Ion Ratio Lower Upper
104 100
78 66.1 43.6 65.4#
103 66.1 43.6 65.4#

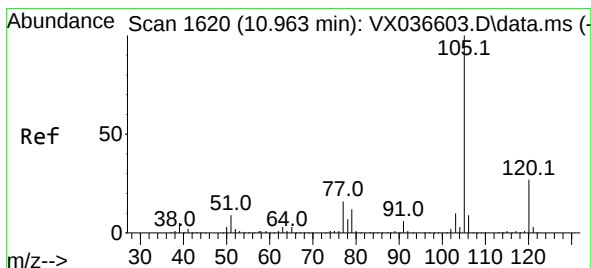
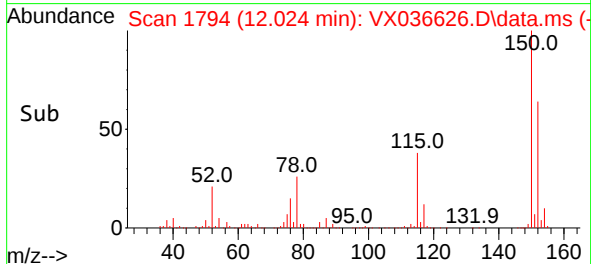
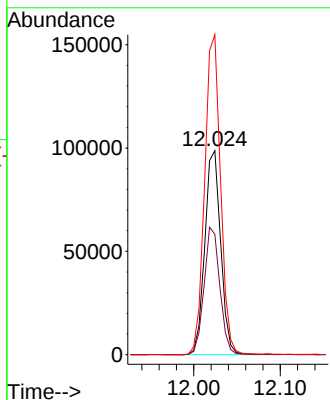
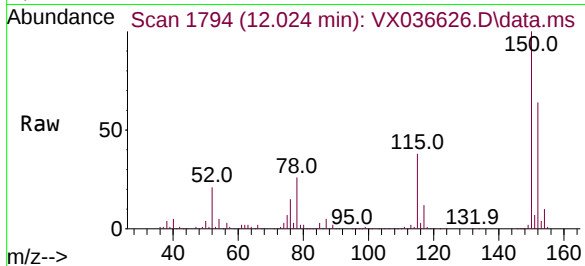




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036626.D
 Acq: 24 Jul 2023 12:56

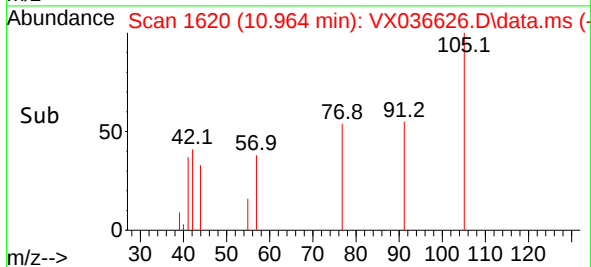
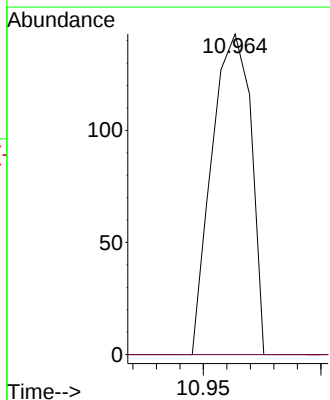
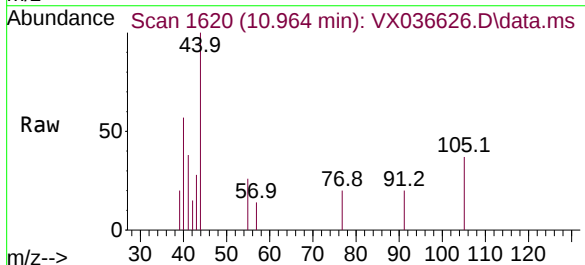
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230721

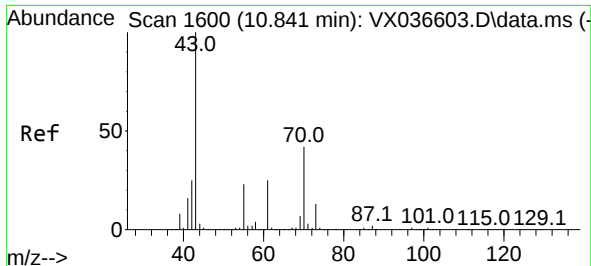
Tgt Ion:152 Resp: 125803
 Ion Ratio Lower Upper
 152 100
 115 62.0 43.3 129.9
 150 156.5 0.0 345.0



#73
 Isopropylbenzene
 Concen: 0.016 ug/l
 RT: 10.964 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX036626.D
 Acq: 24 Jul 2023 12:56

Tgt Ion:105 Resp: 166
 Ion Ratio Lower Upper
 105 100
 120 0.0 12.9 38.6#

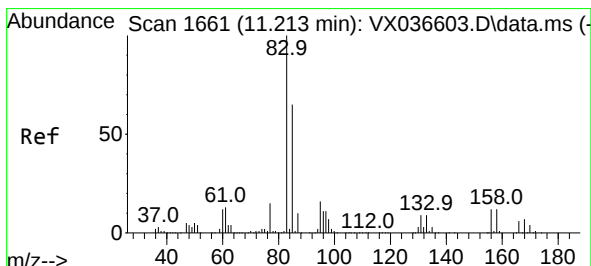
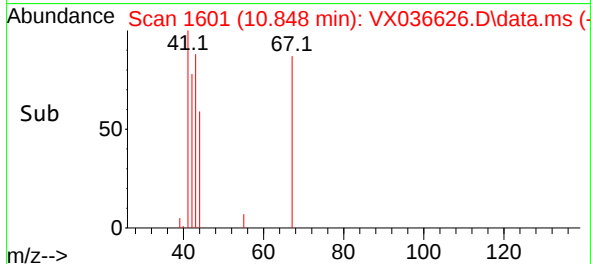
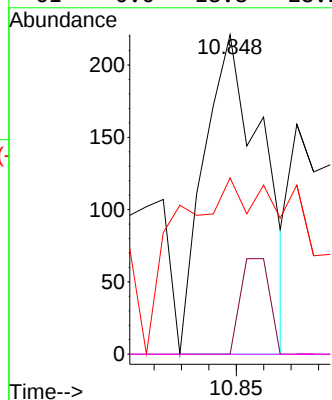
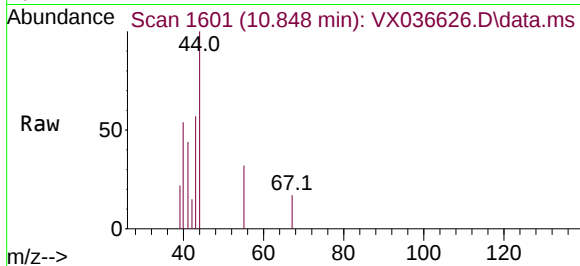




#74
N-amy1 acetate
Concen: 0.068 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

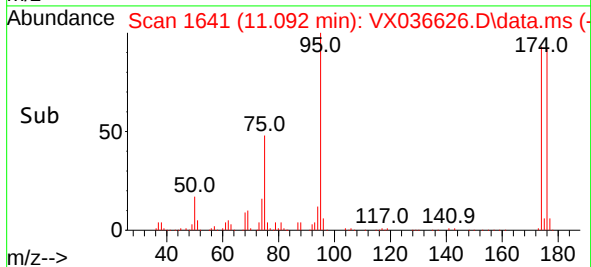
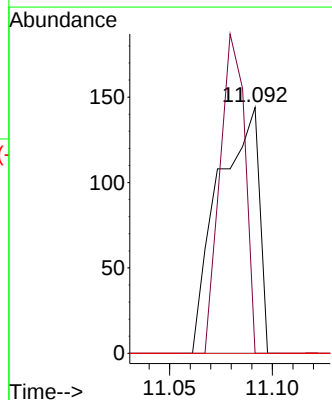
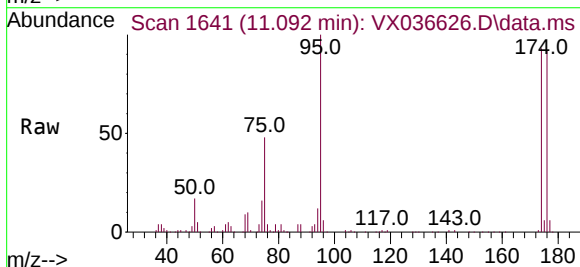
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

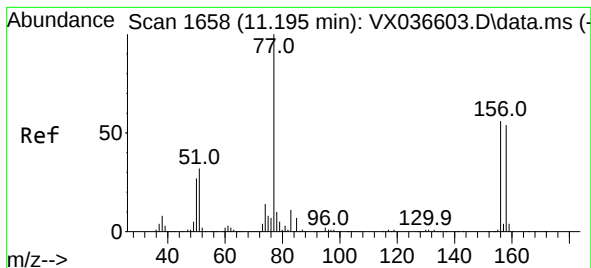
Tgt Ion: 43	Resp:	328
Ion	Ratio	Lower Upper
43	100	
70	14.6	32.9 49.3#
55	66.8	19.3 28.9#
61	0.0	18.8 28.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.056 ug/l
RT: 11.092 min Scan# 1641
Delta R.T. -0.122 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 83	Resp:	198
Ion	Ratio	Lower Upper
83	100	
131	79.8	5.3 15.8#
85	0.0	32.0 96.2#





#77

Bromobenzene

Concen: 0.031 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

TB-20230721

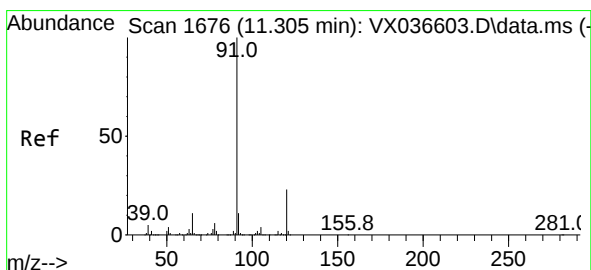
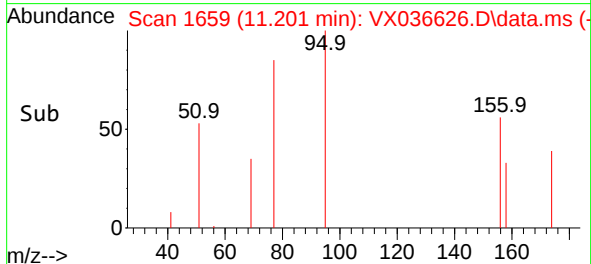
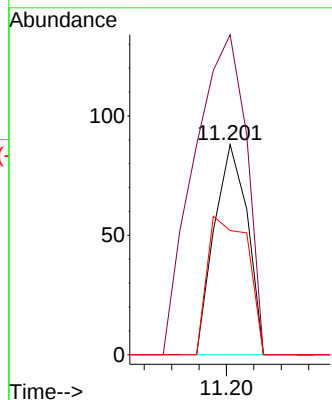
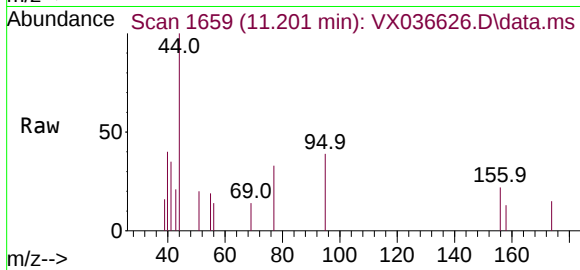
Tgt Ion:156 Resp: 74

Ion Ratio Lower Upper

156 100

77 239.2 88.4 265.3

158 79.7 48.0 144.0



#78

n-propylbenzene

Concen: 0.048 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036626.D

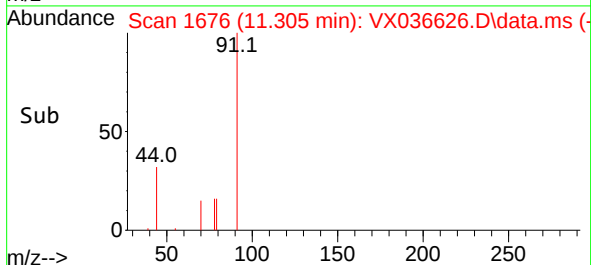
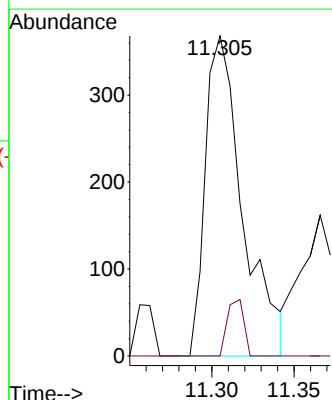
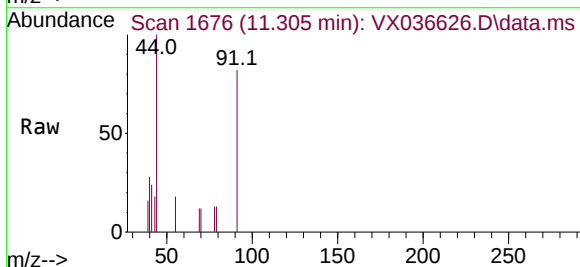
Acq: 24 Jul 2023 12:56

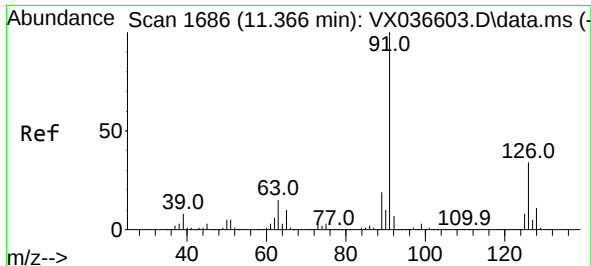
Tgt Ion: 91 Resp: 582

Ion Ratio Lower Upper

91 100

120 7.7 11.5 34.4#

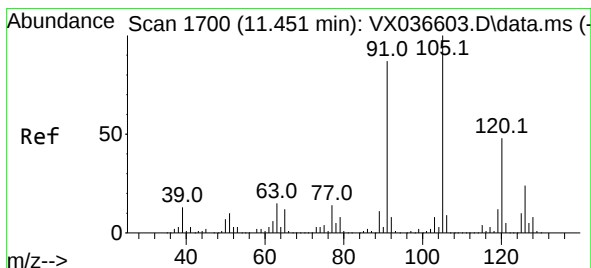
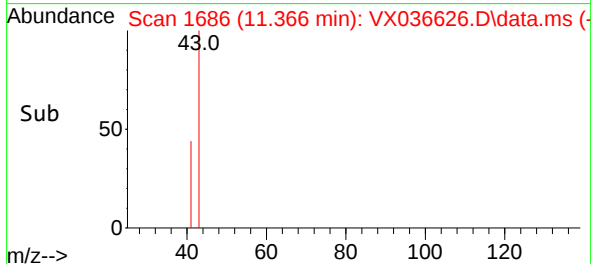
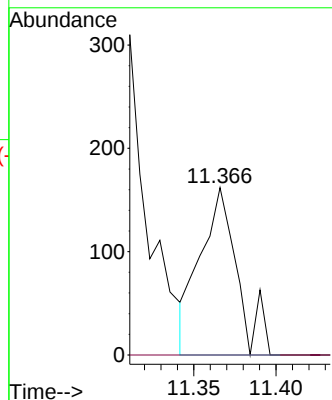
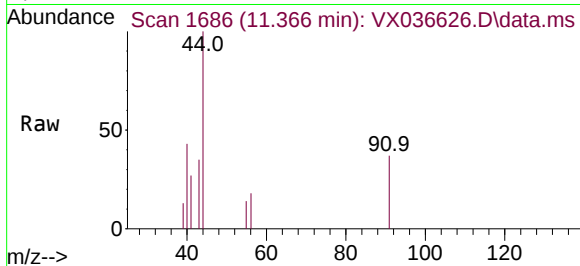




#79
2-Chlorotoluene
Concen: 0.035 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

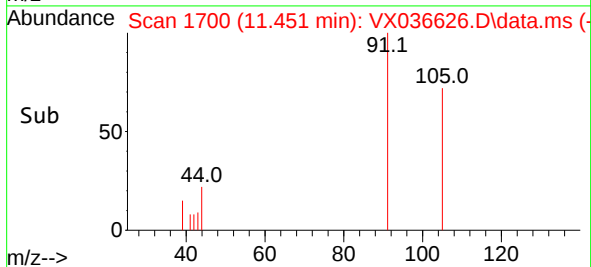
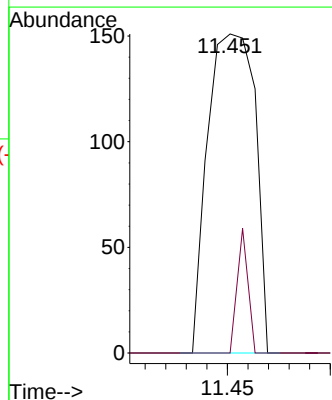
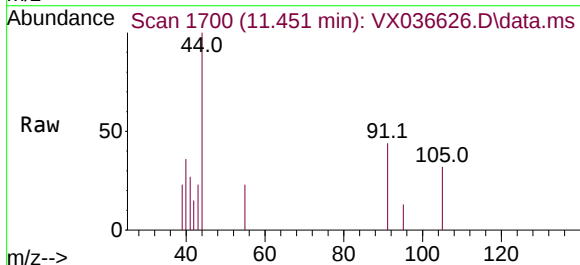
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

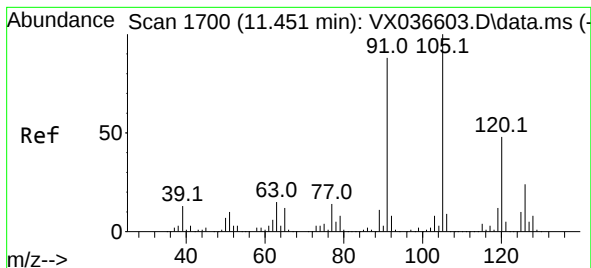
Tgt Ion: 91 Resp: 254
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.028 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 105 Resp: 242
Ion Ratio Lower Upper
105 100
120 9.1 24.1 72.3#





#82

4-Chlorotoluene

Concen: 0.052 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

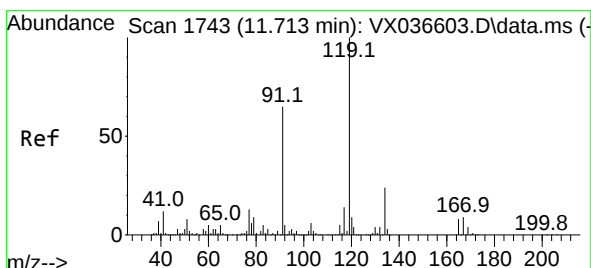
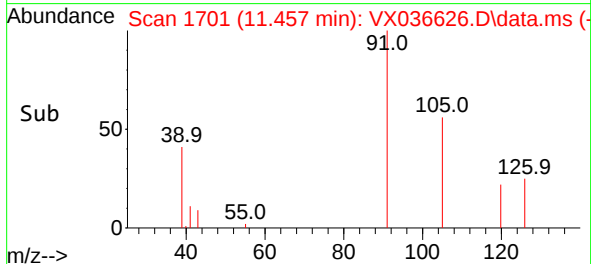
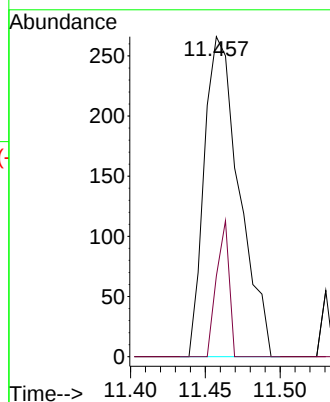
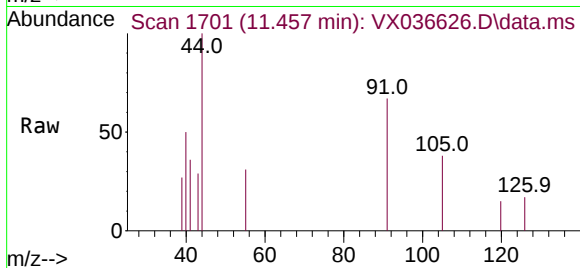
TB-20230721

Tgt Ion: 91 Resp: 433

Ion Ratio Lower Upper

91 100

126 15.2 14.2 42.6



#83

tert-Butylbenzene

Concen: 0.025 ug/l

RT: 11.720 min Scan# 1744

Delta R.T. 0.006 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

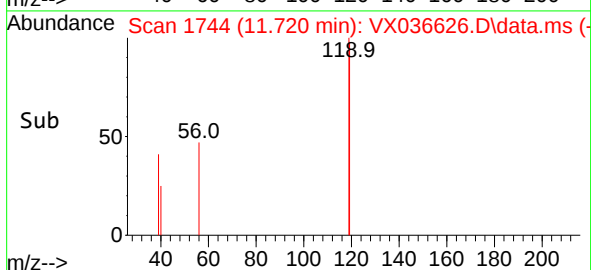
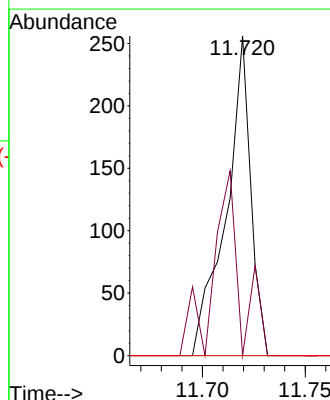
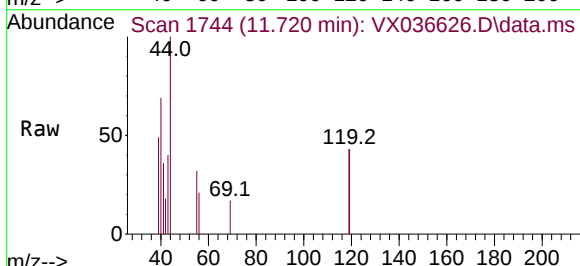
Tgt Ion: 119 Resp: 214

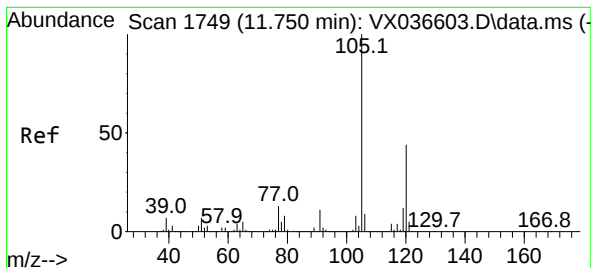
Ion Ratio Lower Upper

119 100

91 64.0 31.2 93.6

134 0.0 11.7 35.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.033 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

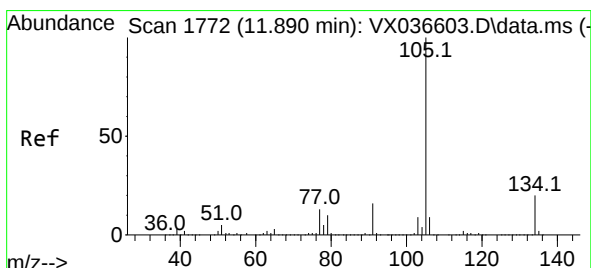
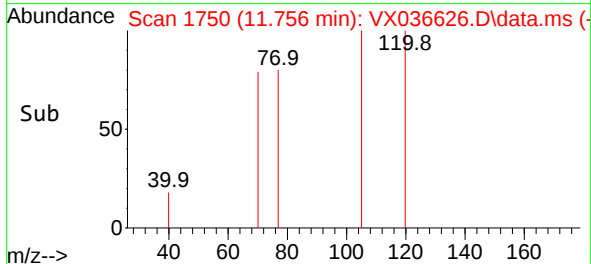
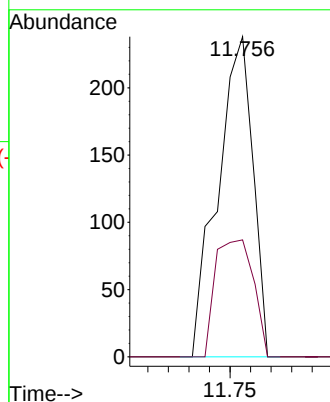
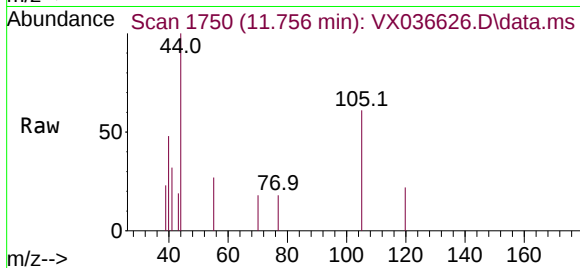
TB-20230721

Tgt Ion:105 Resp: 284

Ion Ratio Lower Upper

105 100

120 39.4 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.037 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX036626.D

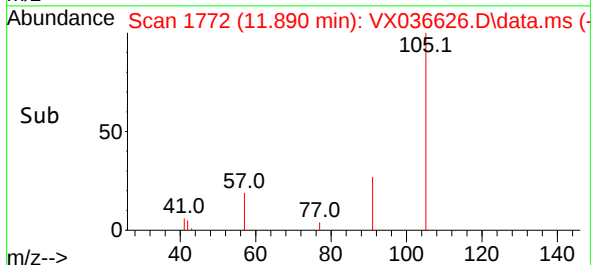
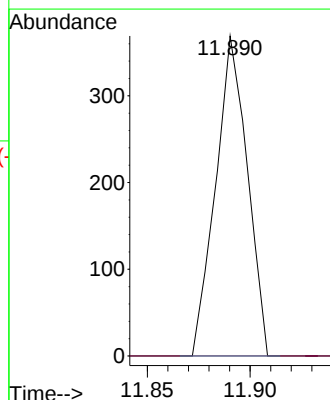
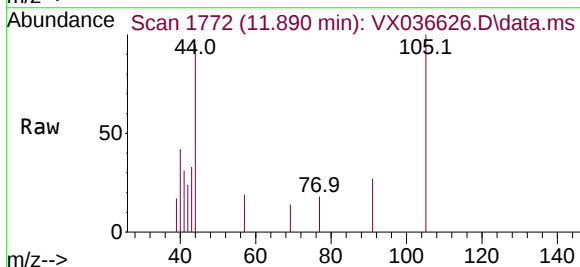
Acq: 24 Jul 2023 12:56

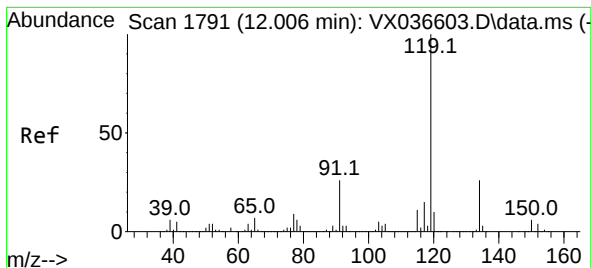
Tgt Ion:105 Resp: 395

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#





#86

p-Isopropyltoluene

Concen: 0.045 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

TB-20230721

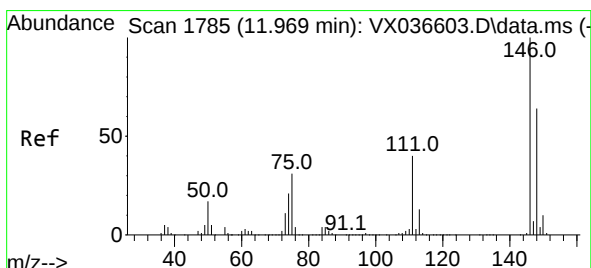
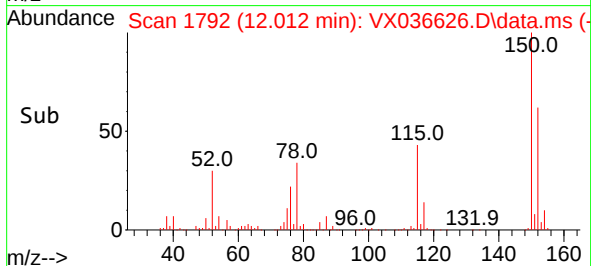
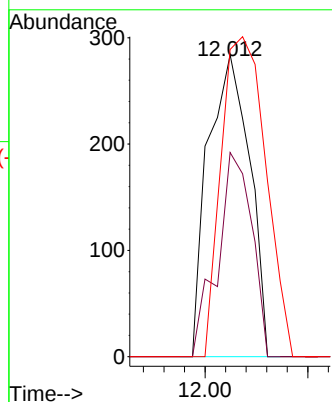
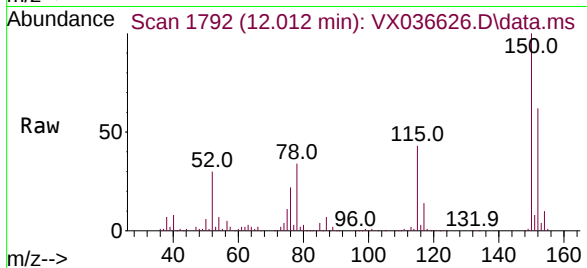
Tgt Ion:119 Resp: 398

Ion Ratio Lower Upper

119 100

134 56.3 12.8 38.3#

91 114.3 13.1 39.3#



#87

1,3-Dichlorobenzene

Concen: 0.077 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

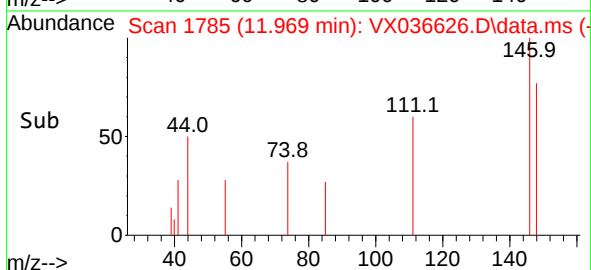
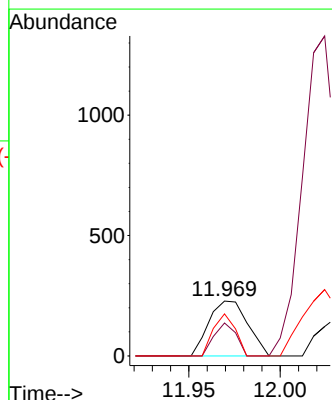
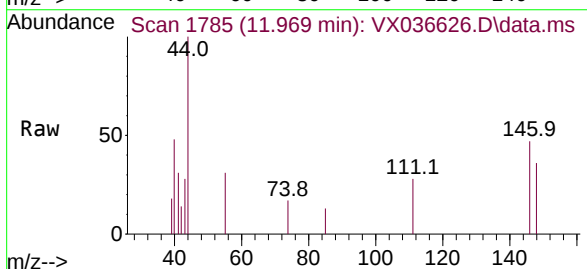
Tgt Ion:146 Resp: 337

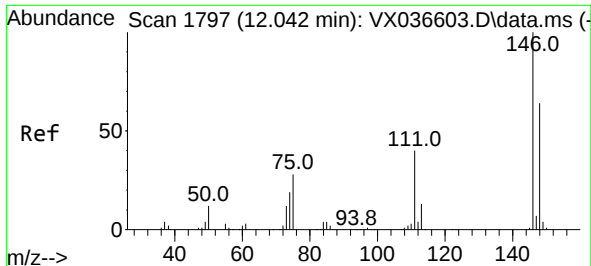
Ion Ratio Lower Upper

146 100

111 34.1 22.1 66.1

148 43.6 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.077 ug/l

RT: 11.969 min Scan# 11

Delta R.T. -0.073 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

TB-20230721

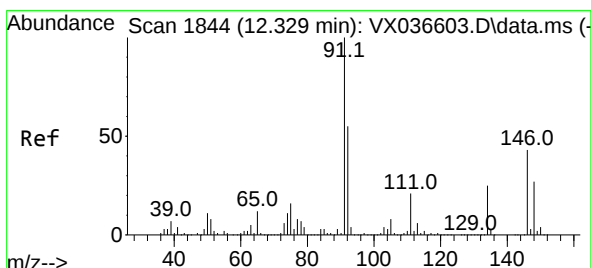
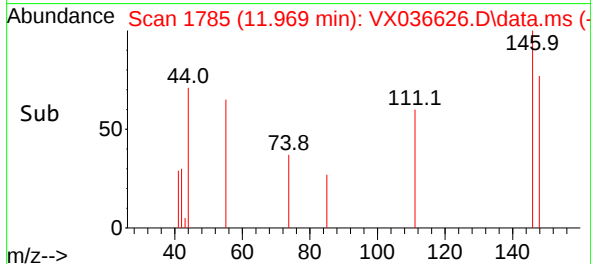
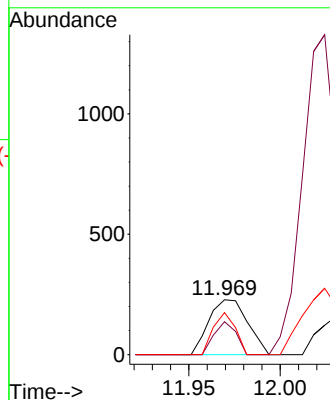
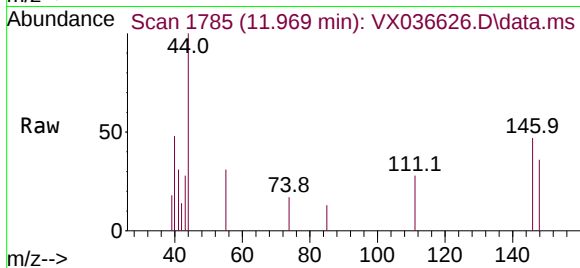
Tgt Ion:146 Resp: 337

Ion Ratio Lower Upper

146 100

111 34.1 21.3 63.7

148 43.6 31.8 95.4



#89

n-Butylbenzene

Concen: 0.071 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.012 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

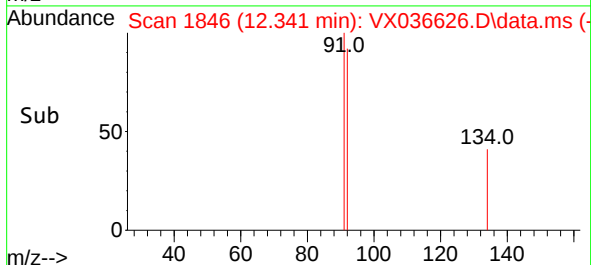
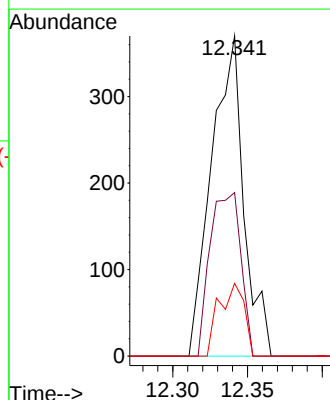
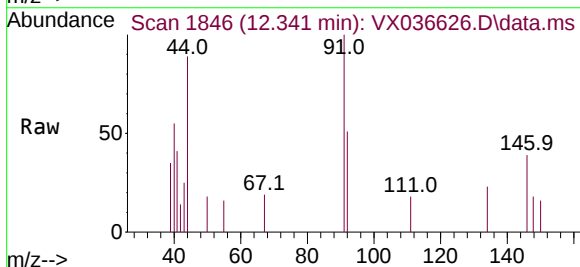
Tgt Ion: 91 Resp: 555

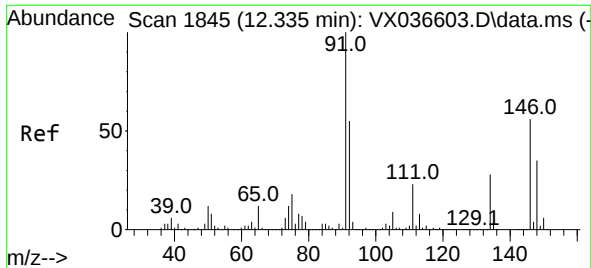
Ion Ratio Lower Upper

91 100

92 48.6 27.4 82.0

134 17.7 12.6 37.8

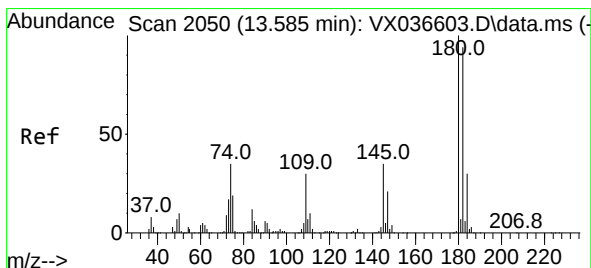
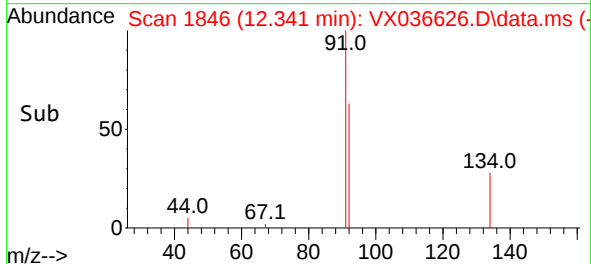
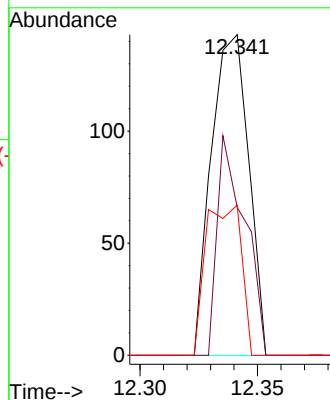
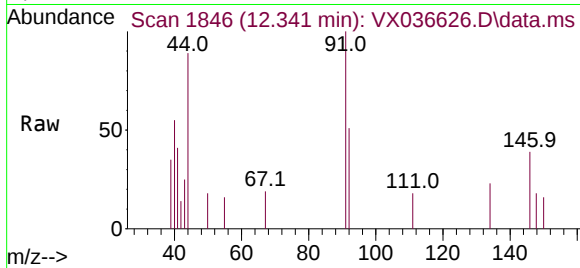




#91
1,2-Dichlorobenzene
Concen: 0.037 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

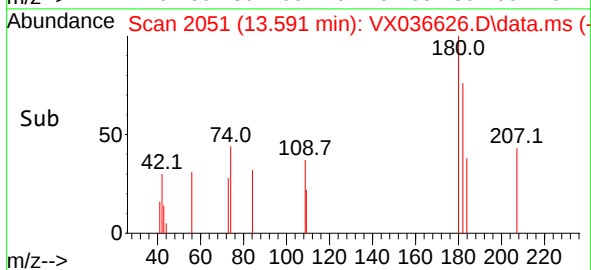
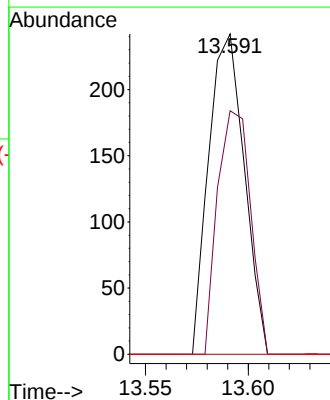
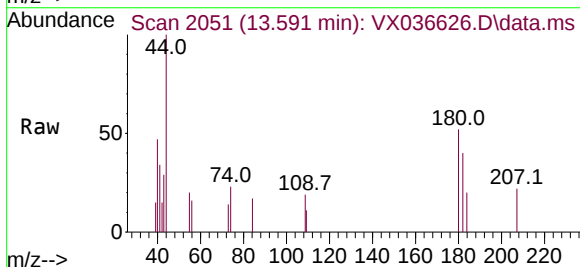
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

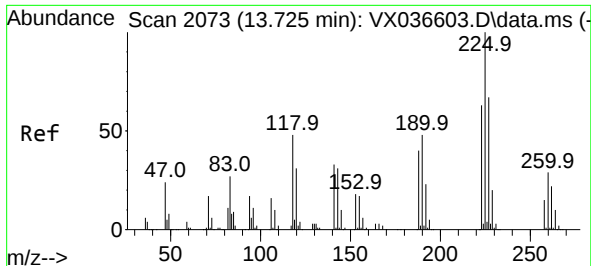
Tgt Ion:146	Resp:	158
Ion	Ratio	Lower Upper
146	100	
111	50.6	22.4 67.0
148	44.9	31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 0.112 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion:180	Resp:	292
Ion	Ratio	Lower Upper
180	100	
182	70.2	48.3 144.8
145	0.0	18.0 54.0#

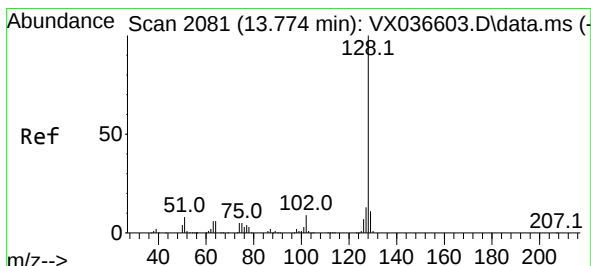
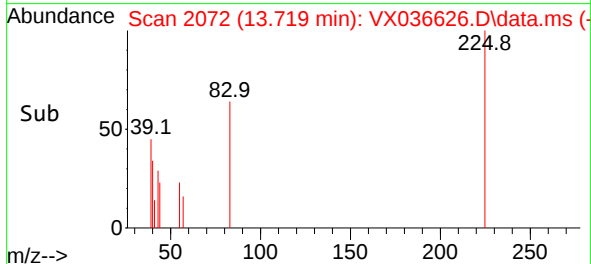
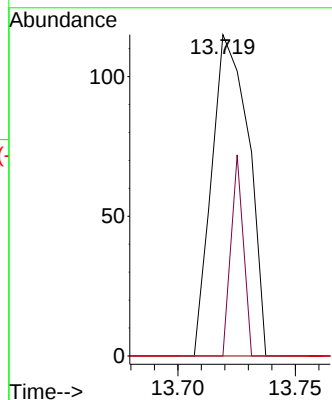
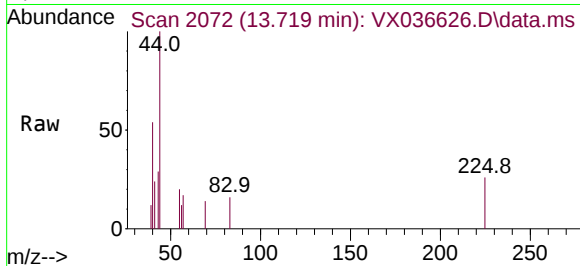




#94
Hexachlorobutadiene
Concen: 0.116 ug/l
RT: 13.719 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

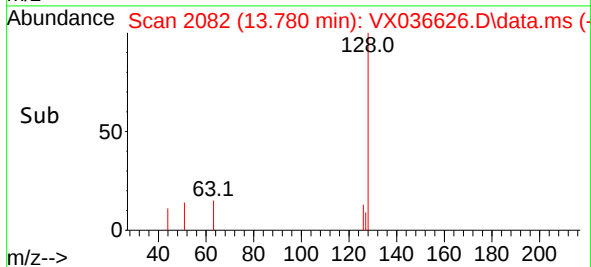
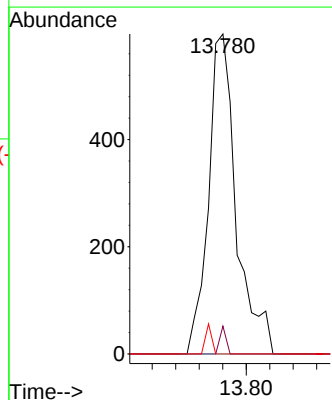
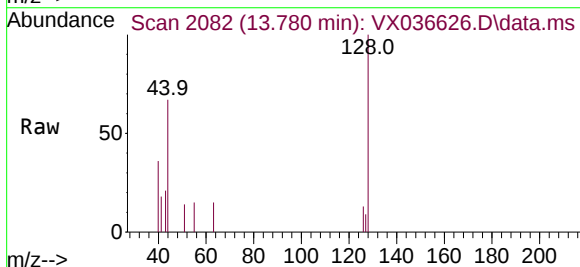
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

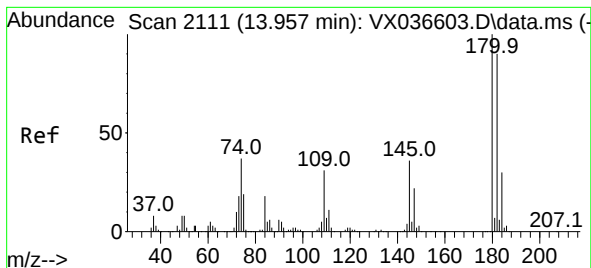
Tgt Ion:225 Resp: 125
Ion Ratio Lower Upper
225 100
223 20.8 31.1 93.2#
227 0.0 32.5 97.5#



#95
Naphthalene
Concen: 0.108 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion:128 Resp: 979
Ion Ratio Lower Upper
128 100
127 1.9 10.3 15.5#
129 2.0 8.8 13.2#





#96

1,2,3-Trichlorobenzene

Concen: 0.082 ug/l

RT: 13.963 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX036626.D

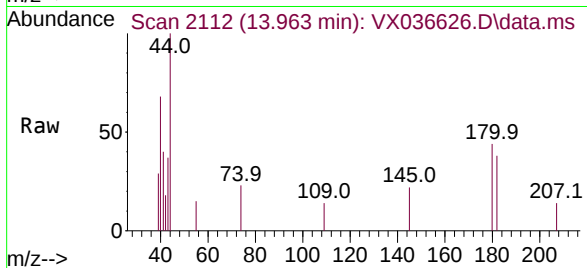
Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

TB-20230721



Tgt Ion:180 Resp: 211

Ion Ratio Lower Upper

180 100

182 99.5 46.9 140.6

145 37.0 17.8 53.5

